

556

PE03621

V#022530

# SAFETY DATA SHEET



Issuing Date 18-Jun-2013

Revision Date 18-Jun-2013

Revision Number 0

<b>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING</b>
---

GHS product identifier

Product Name                      Iso-Quin

Other means of identification

Product Code(s)                      093024, 093033, 093036, 093040, 093042

UN-Number                              UN 1170

Synonyms                                None

Recommended use of the chemical and restrictions on use

Recommended Use                      Germicidal Hand Wash

Uses advised against                      No information available

Supplier's details

Supplier Address  
Cramer Products, Inc.  
153 W. Warren  
Gardner, KS 66030  
TEL: 913.856.7511

Emergency telephone number

Emergency Telephone                      913.856.7511  
Number

<b>2. HAZARDS IDENTIFICATION</b>
----------------------------------

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Category 1	Flammable liquids
------------	-------------------

GHS Label elements, including precautionary statements

**Emergency Overview**

**Signal Word** **Danger**  
 • Extremely flammable liquid and vapor



**Appearance** Light yellow **Physical State** Liquid. **Odor** Pine, Alcohol

**Precautionary Statements**

**Prevention**

- Keep away from heat/sparks/open flames/hot surfaces - No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical/ventilating/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- None

**Skin**

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Fire**

- In case of fire: Use CO2, dry chemical, or foam for extinction.

**Storage**

- Store in a well-ventilated place. Keep cool.

**Disposal**

- Dispose of in accordance with local/regional/national regulations.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade secret
Alcohol	64-17-5	30-60	*
Isopropyl alcohol	67-63-0	3-7	*

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

**4. FIRST AID MEASURES**

Description of necessary first-aid measures

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Vapors may travel to source of ignition and flash back.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** Yes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area) Take precautionary measures against static discharges. Ensure adequate ventilation. Use personal protective equipment. Do not get in eyes, on skin, or on clothing. Keep people away from and upwind of spill/leak.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Take precautionary measures against static discharges. Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

**Incompatible Products** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alcohol 64-17-5	-	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.  
**Skin and Body Protection** Neoprene or other chemical resistant gloves. Lab coat and/or apron.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State** Liquid  
**Odor** Pine, Alcohol  
**Appearance** Light yellow  
**Odor Threshold** No information available

**Property** Values Remarks/ - Method

pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	< 21 °C / < 70 °F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	No data available	None known
Specific Gravity	No data available.	None known
Water Solubility	Soluble in water.	None known
Solubility in other solvents	Soluble: Ethanol, Isopropanol.	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
<b>Flammable Properties</b>	Not flammable	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	
<b><u>Other information</u></b>		
VOC Content (%)	No data available	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information. Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several ingredients.
<b>Inhalation</b>	Vapors may cause drowsiness and dizziness.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Ingestion</b>	May be harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.  
  
 Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
Alcohol	A3	Group 1	Known	X
Isopropyl alcohol		Group 3		X

**ACGIH: (American Conference of Governmental Industrial Hygienists)**  
 A3 - Animal Carcinogen  
**IARC: (International Agency for Research on Cancer)**  
 Group 1 - Carcinogenic to Humans  
 Group 3: Not Classifiable as to its Carcinogenicity to Humans  
**NTP: (National Toxicity Program)**  
 Known - Known Carcinogen  
**OSHA: (Occupational Safety & Health Administration)**  
 X - Present

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Alcohol		LC50 96 h: 12.0 - 16.0 mL/L static (Oncorhynchus mykiss) LC50 96 h: > 100 mg/L static (Pimephales promelas) LC50 96 h: 13400 - 15100 mg/L flow-through (Pimephales promelas)	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	LC50 48 h: 9268 - 14221 mg/L (Daphnia magna) EC50 24 h: = 10800 mg/L (Daphnia magna) EC50 48 h: = 2 mg/L Static (Daphnia magna)

Isopropyl alcohol	EC50 96 h: > 1000 mg/L (Desmodosmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodosmus subspicatus)	LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus)	EC50 48 h: = 13299 mg/L (Daphnia magna)
-------------------	---	--	---

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Alcohol	-0.32
Isopropyl alcohol	0.05

**Other Adverse Effects**  
No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Alcohol	Toxic Ignitable
Isopropyl alcohol	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**Note:** Limited quantity

**DOT**  
**UN-Number** UN 1170  
**Proper shipping name** Ethyl alcohol solution  
**Hazard Class** 3  
**Packing Group** II

**15. REGULATORY INFORMATION**

**International Inventories**  
**TSCA** Exempt  
**DSL** Exempt

**Legend**  
 TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Isopropyl alcohol	67-63-0	5	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS-No	California Prop. 65
Alcohol	64-17-5	Developmental

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Alcohol	X	X	X	-	
Isopropyl alcohol	X	X	X		X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 0	Flammability 4	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 0	Flammability 4	Physical Hazard 0	Personal Protection X

Prepared By Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

Issuing Date 18-Jun-2013  
Revision Date 18-Jun-2013  
Revision Note Initial Release.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



---

End of Safety Data Sheet



# SAFETY DATA SHEET

Issuing Date 06-Nov-2013

Revision Date 06-Nov-2013

Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name Cinder Suds Foam Soap

### Other means of identification

Product Code(s) 031530, 031526

UN-Number UN1950

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Lifts dirt, debris from minor wounds. Cleans hands without water.

Uses advised against No information available

### Supplier's details

Supplier Address  
Cramer Products, Inc.  
153 W. Warren  
Gardner, KS 66030  
TEL: 913.856.7511

### Emergency telephone number

Emergency Telephone Number 913.856.7511

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Flammable aerosols

Category 2

### GHS Label elements, including precautionary statements

### Emergency Overview

**Signal Word**  
• Flammable aerosol

**Warning**



**Appearance** Whitish, Foam

**Physical State** Aerosol.

**Odor** Soap

#### Precautionary Statements

**Prevention**

- Keep away from heat/sparks/open flames/hot surfaces - No smoking
- Do not spray on an open flame or other ignition source
- Pressurized container: Do not pierce or burn, even after use.

**General Advice**

- None

**Storage**

- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Disposal**

- None

#### Hazard Not Otherwise Classified (HNOC)

Not applicable

#### Other information

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
Petroleum gases, liquified, sweetened	68476-86-8	5-10	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of necessary first-aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Move to fresh air. Administer oxygen if breathing is difficult and you are trained. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician or Poison Control Center immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

**Most important symptoms/effects, acute and delayed****Most Important Symptoms/Effects** No information available.**Indication of immediate medical attention and special treatment needed, if necessary****Notes to Physician** Treat symptomatically.**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient. Do not use a solid water stream as it may scatter and spread fire.**Specific Hazards Arising from the Chemical**

Sealed containers may rupture when heated.

**Explosion Data****Sensitivity to Mechanical Impact** Yes.**Sensitivity to Static Discharge** Yes.**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal Precautions** Contents under pressure. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Do not breathe vapors or spray mist.**Environmental Precautions****Environmental Precautions** See Section 12 for additional Ecological Information**Methods and materials for containment and cleaning up****Methods for Containment** Prevent further leakage or spillage if safe to do so.**Methods for Cleaning Up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Ground and bond containers when transferring material. Take precautionary measures against static discharges.**7. HANDLING AND STORAGE****Precautions for safe handling****Handling** Contents under pressure. Do not puncture or incinerate. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Avoid contact with eyes. Do not breathe vapors or spray mist.**Conditions for safe storage, including any incompatibilities**

<b>Storage</b>	Keep away from open flames, hot surfaces and sources of ignition. Keep in a dry, cool and well-ventilated place.
<b>Incompatible Products</b>	Strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.  
**Skin and Body Protection** No special protective equipment required.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Wash hands and face before breaks and immediately after handling the product. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Aerosol	<b>Appearance</b>	Whitish Foam
<b>Odor</b>	Soap	<b>Odor Threshold</b>	No information available
<b>Property</b>	<b>Values</b>	<b>Remarks/ - Method</b>	
pH	No data available	None known	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	No data available	None known	
Flash Point	No data available	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
upper flammability limit	No data available		
lower flammability limit	No data available		
Vapor Pressure	No data available	None known	
Vapor Density	No data available	None known	
Relative Density	No data available	None known	
Specific Gravity	No data available.	None known	
Water Solubility	Soluble in water.	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Viscosity	No data available	None known	
<b>Flammable Properties</b>	Flammable aerosol.		

<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available

**Other information**

<b>VOC Content (%)</b>	No data available
------------------------	-------------------

<b>10. STABILITY AND REACTIVITY</b>
-------------------------------------

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks. Static discharge. Do not puncture or incinerate cans.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

Carbon oxides.

<b>11. TOXICOLOGICAL INFORMATION</b>
--------------------------------------

**Information on likely routes of exposure**

<b>Product Information</b>	There is no data available for this product
<b>Inhalation</b>	There is no data available for this product. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal
<b>Eye Contact</b>	There is no data available for this product.
<b>Skin Contact</b>	There is no data available for this product.
<b>Ingestion</b>	There is no data available for this product.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	No information available.
-----------------	---------------------------

**Delayed and immediate effects and also chronic effects from short and long term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

Numerical measures of toxicity - Product**12. ECOLOGICAL INFORMATION**Ecotoxicity

The environmental impact of this product has not been fully investigated.

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Petroleum gases, liquified, sweetened	2.8

Other Adverse Effects

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D001

**14. TRANSPORT INFORMATION**DOT

**UN-Number** UN1950  
**Description** UN1950 Aerosols,2.1 LTD. QTY.

TDG

**UN-Number** UN1950  
**Description** UN1950 Aerosols,2.1

MEX

**UN-Number** UN1950  
**Description** UN1950 Aerosols,2.1

ICAO

**UN-Number** UN1950  
**Description** UN1950 Aerosols,2.1

IATA

**UN-Number** UN1950  
**Description** UN1950 Aerosols,2.1

IMDG/IMO

**UN-Number** UN1950  
**Description** UN1950 Aerosols,2.1

RID

**UN-Number** UN1950  
**Description** UN1950 Aerosols,2.1

ADR

**UN-Number** UN1950

**Description** UN1950 Aerosols,2.1

**ADN**

**UN-No** UN1950  
**Description** UN1950 Aerosols,2.1

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL** Complies

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** Yes  
**Sudden Release of Pressure Hazard** Yes  
**Reactive Hazard** No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazard</b> 1	<b>Flammability</b> 3	<b>Instability</b> 0	<b>Physical and Chemical Hazards</b> -
<b>HMIS</b>	<b>Health Hazard</b> 1	<b>Flammability</b> 3	<b>Physical Hazard</b> 0	<b>Personal Protection</b> X

**Prepared By** Product Stewardship  
 23 British American Blvd.  
 Latham, NY 12110  
 1-800-572-6501



---

Issuing Date	06-Nov-2013
Revision Date	06-Nov-2013
Revision Note	Initial Release

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet



---

## **015522, CRAMER ATOMIC BALM**

### **MSDS Number**

CKDSZ

### **National Stock Number**

-

### **Product Name**

015522, CRAMER ATOMIC BALM

### **Manufacturer**

CRAMER PRODUCTS INC

### **Product Identification**

Product ID:015522, CRAMER ATOMIC BALM

MSDS Date:05/27/1994

FSC:NIIN:Submitter:D DG

Status Code:A

MSDS Number: CKDSZ

### **Responsible Party**

CRAMER PRODUCTS INC

153 W WARREN ST

GARDNER , KS 66030-1151

US

Emergency Phone: 913-856-7511

Info Phone: 913-856-7511

Cage: 24719

### **Contractor**

CRAMER PRODUCTS INC

GARDNER, KS 66030-1151

US

913-856-7511

Cage: 24719

### **Ingredients**

METHYL SALICYLATE

CAS: 119-36-8

RTECS: VO4725000

OLEOROSIN CAPSICUM

### **Hazards**

LD50 LC50 Mixture:RATS, ORAL LD50=1500 MG/KG

Health Hazards Acute and Chronic:EFFECTS OF ACUTE OVEREXPOSURE FOR METHYL SALICYLATE: EYES: TEMPORARY EYE IRRITATION. CORNEAL INJURY UNLIKELY. SKIN: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION. INGESTION: SINGLE DOSE ORAL TOXICITY IS MODERATE. EXCESSIVE EXPOSURE MAY CAUSE NAUSEA, VOMITING. EVEN THOUGH ORAL TOXICITY FOR RATS IS LOW, PEOPLE HAVE INGESTED LETHAL DOSES. INGESTION MAY CAUSE GI IRRITATION, RINGING IN EARS , ACID-BASE IMBALANCE AND KIDNEY DAMAGE. INHALATION: SINGLE PROLONGED (HOURS) EXCESSIVE EXPOSURE MAY CAUSE ADVERSE EFFECTS, LUNG INJURY. SEE



TOXICOLOGICAL FIELD FOR SYSTEMIC AND OTHER ADDITIONAL DATA.  
Explanation of Carcinogenicity: METHYL SALICYLATE DID NOT CAUSE CANCER IN LONG-TERM ANIMAL STUDIES.

Effects of Overexposure: EYES: IRRITATION. SKIN: IRRITATION. INHALATION: LUNG INJURY. INGESTION: SINGLE DOSE TOXICITY IS MODERATE. SIGNS AND SYMPTOMS OF EXCESSIVE EXPOSURE MAY BE NAUSEA AND/OR VOMIT, GI IRRITATION, RINGING IN EARS, ACID-BASE IMBALANCE, KIDNEY DAMAGE. SYSTEMIC AND OTHER: REPEATED EXCESSIVE EXPOSURE MAY CAUSE NAUSEA, VOMITING, METABOLIC DISTURBANCES AND POSSIBLY KIDNEY DAMAGE.

### First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. CONSULT A PHYSICIAN. SKIN: REMOVE ANY CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. WASH SKIN THOROUGHLY. SEEK MEDICAL ATTENTION IF IRRITATION OR BURNS DEVELOP. EYES: FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF SWALLOWED, DO NOT INDUCE VOMITING, IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. SEEK MEDICAL ATTENTION IMMEDIATELY.

### Fire Fighting

Flash Point: =204.4C, 400.F  
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.  
Fire Fighting Procedures: WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME. CAUTION SHOULD BE EXERCISED WHEN USING WATER OR FOAM AS FROTHING MAY OCCUR, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.  
Unusual Fire/Explosion Hazard: DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

### Accidental Release

Spill Release Procedures: SPILLS SHOULD BE CONTAINED, COLLECTED INTO ABSORBENT MATERIAL AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

### Handling

Handling and Storage Precautions: STORE AT MODERATE ROOM TEMPERATURE (50-110F). COOLER TEMPERATURES PROLONG SHELF-LIFE. WASH THOROUGHLY AFTER HANDLING. READ LABEL CAREFULLY AND FOLLOW DIRECTIONS.

### Exposure Controls

Respiratory Protection: NONE REQUIRED WITH NORMAL USE.  
Ventilation: NO SPECIAL REQUIREMENTS.  
Protective Gloves: NOT REQUIRED.  
Eye Protection: PREFERRED.  
Other Protective Equipment: PROTECTIVE CLOTHING OR EQUIPMENT NOT REQUIRED.  
Supplemental Safety and Health

### Chemical Properties

HCC: V5  
Melt/Freeze Pt: =60.C, 140.F  
Spec Gravity: ~0.8  
Solubility in Water: INSOLUBLE  
Appearance and Odor: ORANGE-COLORED OINTMENT WITH WINTERGREEN ODOR.  
Percent Volatiles by Volume: 16

### Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid: NONE KNOWN.  
Hazardous Decomposition Products: SALICYLIC ACID, METHANOL.  
Conditions to Avoid Polymerization: WILL NOT OCCUR AT ROOM TEMPERATURE.

### Disposal

Waste Disposal Methods: SPILLS SHOULD BE CONTAINED, COLLECTED INTO



-----  
ABSORBENT MATERIAL AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

### **Toxicology**

Toxicological Information: CONT'D FROM "HEALTH HAZARDS" FIELD: SYSTEMIC AND OTHER: REPEATED EXCESSIVE EXPOSURE MAY CAUSE NAUSEA, VOMITING, METABOLIC DISTURBANCES AND POSSIBLY KIDNEY DAMAGE. DID NOT CAUSE CANCER IN LONG-TERM ANIMAL STUDIES. HAS CAUSED BIRTH DEFECTS IN ANIMALS ONLY AT DOSES TOXIC TO THE MOTHER, HIGH DIETARY LEVELS OF METHYL SALICYLATE HAVE REDUCED THE VIABILITY OF YOUNG IN A 3-GENERATION REPRODUCTION STUDY.



**VI. HEALTH HAZARD DATA:**

Effects of acute overexposure for Methyl Salicylate:

Eyes: May cause temporary eye irritation. Corneal injury is unlikely.

Skin: Prolonged or repeated exposure may cause skin irritation.

Ingestion: Single dose oral toxicity is moderate. The oral LD<sub>50</sub> for rats is approximately 1500 mg/kg.

Signs and symptoms of excessive exposure may be nausea and/or vomiting. Even though the acute oral toxicity for rats is low, people have ingested lethal doses. Ingestion may also cause GI irritation, ringing in the ears, acid-base imbalance and possible kidney damage.

Inhalation: A single prolonged (hours) excessive inhalation exposure may cause adverse effects.

Excessive exposure may cause lung injury.

Systemic and other: Repeated excessive exposure may cause nausea, vomiting, metabolic disturbances and possibly kidney damage. Did not cause cancer in long-term animal studies. Has caused birth defects in laboratory animals only at doses toxic to the mother. High dietary levels of methyl salicylate have reduced the viability of young in a 3-generation reproduction study.

**Emergency First Aid Procedures:**

Inhalation: Remove to fresh air. Consult a physician.

Skin: Remove any contaminated clothing and launder before reuse. Wash skin thoroughly. Seek medical attention if irritation or burns develop.

Eyes: Flush eyes immediately with large amounts of running water for at least 15 minutes.

Ingestion: NEVER give anything by mouth to an unconscious person. If swallowed, DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep airway clear. SEEK MEDICAL ATTENTION IMMEDIATELY.

**VII. PRECAUTIONS FOR SAFE HANDLING AND USE:**

Spills: Spills should be contained, collected into absorbent material and disposed of in accordance with all applicable federal, state and local regulations.

Handling and Storage: Store at moderate room temperature (50-110 ° F). Cooler temperatures prolong shelf-life. Wash thoroughly after handling. Read label carefully and follow directions.

**VIII. CONTROL MEASURES:**

Respiratory Protection: None required with normal use.

Ventilation: No special requirements.

Protective Gloves: Not required.

Eye Protection: Preferred.

Protective Clothing or Equipment: Not required.

Abbreviation Key: N/A = not applicable.

**The information contained herein is believed to be accurate. It is the user's obligation to determine the safe use of the product.**



# SAFETY DATA SHEET

Issuing Date 18-Jun-2013

Revision Date 18-Jun-2013

Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name Firm Grip, QDA, Tuf-Skin

### Other means of identification

Product Code(s) 061027,171531, 204027, 204028, 204033, 203531

UN-Number UN 1950

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Apply to skin prior to taping, or to fingertips for improved grip

Uses advised against No information available

### Supplier's details

Supplier Address  
Cramer Products, Inc.  
153 W. Warren  
Gardner, KS 66030  
TEL: 913.856.7511

### Emergency telephone number

Emergency Telephone Number 913.856.7511


## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Serious Eye Damage/Eye Irritation	Category 2
Skin Sensitization	Category 1
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3
Simple Asphyxiant	Yes
Flammable aerosols	Category 2

**GHS Label elements, including precautionary statements****Emergency Overview**

<b>Signal Word</b> <b>Hazard Statements</b> <ul style="list-style-type: none"> <li>• Causes serious eye irritation</li> <li>• May cause an allergic skin reaction</li> <li>• May cause drowsiness or dizziness</li> <li>• May displace oxygen and cause rapid suffocation</li> <li>• Flammable aerosol</li> </ul>	<b>Warning</b>	
		
<b>Appearance</b> Clear to amber	<b>Physical State</b> Aerosol.	<b>Odor</b> IPA, rosin

**Precautionary Statements****Prevention**

- Keep away from heat/sparks/open flames/hot surfaces - No smoking
- Pressurized container: Do not pierce or burn, even after use
- Do not spray on an open flame or other ignition source
- Wear protective gloves
- Wear eye/face protection
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Wash face, hands and any exposed skin thoroughly after handling
- Contaminated work clothing should not be allowed out of the workplace
- Use only outdoors or in a well-ventilated area

**General Advice**

- None

**Eyes**

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention.

**Skin**

- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation or rash occurs: Get medical advice/attention
- Wash contaminated clothing before reuse.

**Inhalation**

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor/physician if you feel unwell

**Storage**

- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
- Store in a well-ventilated place. Keep container tightly closed
- Store locked up.

**Disposal**

- Dispose of in accordance with local/regional/national regulations.



**Hazard Not Otherwise Classified (HNOC)**

May cause frostbite.

**Other information**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade secret
Isopropyl alcohol	67-63-0	30-60	*
Petroleum gases, liquified, sweetened	68476-86-8	15-40	*
Rosin	8050-09-7	10-30	*
Benzoin Tincture IPA	-	1-5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of necessary first-aid measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. In case of contact with liquefied gas, thaw frosted parts with lukewarm water. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. Administer oxygen if breathing is difficult and you are trained. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician or Poison Control Center immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Difficulty in breathing. Dizziness. Drowsiness. Itching. Rashes. Frostbite. Red eyes, Tearing.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

**Explosion Data**

**Sensitivity to Mechanical Impact** Yes.

**Sensitivity to Static Discharge** Yes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Remove all sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Use personal protective equipment. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Contents under pressure. Do not puncture or incinerate cans.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal. Ground and bond containers when transferring material.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Contents under pressure. Do not puncture or incinerate cans. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Wear personal protective equipment. Ensure adequate ventilation. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

**Incompatible Products** Strong oxidizing agents. Acids. Acid anhydrides. Aluminum. Halogenated compounds.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>
Rosin 8050-09-7	-	(vacated) TWA: 0.1 mg/m <sup>3</sup> Formaldehyde	TWA: 0.1 mg/m <sup>3</sup> Formaldehyde

**Appropriate engineering controls**

**Engineering Measures**  
Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Tightly fitting safety goggles. If splashes are likely to occur, wear: Face-shield.  
**Skin and Body Protection** Impervious gloves. Impervious clothing. Boots.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**  
Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b> Odor	Aerosol IPA, rosin	<b>Appearance</b> <b>Odor Threshold</b>	Clear to amber No information available
<b>Property</b>	<b>Values</b>	<b>Remarks/ - Method</b>	
pH	No data available	None known	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	No data available	None known	
Flash Point	No data available	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
<b>Flammability Limits in Air</b>			
upper flammability limit	No data available		
lower flammability limit	No data available		
Vapor Pressure	No data available	None known	
Vapor Density	No data available	None known	
Relative Density	No data available	None known	
Specific Gravity	No data available.	None known	
Water Solubility	Insoluble in water.	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Viscosity	No data available	None known	
<b>Flammable Properties</b>	Flammable aerosol.		
<b>Explosive Properties</b>	No data available		
<b>Oxidizing Properties</b>	No data available		
<b>Other information</b>			
VOC Content (%)	No data available		

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

**Incompatible materials**

Strong oxidizing agents. Acids. Acid anhydrides. Aluminum. Halogenated compounds.

**Hazardous decomposition products**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

<b>11. TOXICOLOGICAL INFORMATION</b>
--------------------------------------

**Information on likely routes of exposure**

<b>Product Information</b>	No acute toxicity information is available for this product. Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several ingredients.
<b>Inhalation</b>	May cause drowsiness and dizziness. Deliberately inhaling or exposure to high concentrations may cause simple asphyxiation (suffocation by displacing the oxygen in the air).
<b>Eye Contact</b>	Irritating to eyes.
<b>Skin Contact</b>	May cause sensitization by skin contact. Contact with product may cause frostbite
<b>Ingestion</b>	Not an expected route of exposure. May be harmful if swallowed.

**Toxicology data for the components**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	= 4396 mg/kg ( Rat )	12800 mg/kg ( Rat ) 12870 mg/kg ( Rabbit )	72.6 mg/L ( Rat ) 4 h
Rosin	= 3 mg/kg ( Rat )	> 2500 mg/kg ( Rabbit )	-

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Symptoms</b>	Irritation. Eye and skin redness, tearing, hives, blurry vision. Vapors may cause drowsiness and dizziness. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
-----------------	--

**Delayed and immediate effects and also chronic effects from short and long term exposure**

<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol		Group 3		X

**IARC: (International Agency for Research on Cancer)**  
Group 3: Not Classifiable as to its Carcinogenicity to Humans  
**OSHA: (Occupational Safety & Health Administration)**  
X - Present

<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	May cause drowsiness or dizziness.

**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Acute Toxicity** No information available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Isopropyl alcohol	EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus)		EC50 48 h: = 13299 mg/L (Daphnia magna)
Rosin	EC50 72 h: = 400 mg/L (Desmodesmus subspicatus)		EC50 = 31.5 mg/L 30 min	EC50 48 h: 3.8 - 5.4 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Isopropyl alcohol	0.05
Petroleum gases, liquified, sweetened	2.8

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Isopropyl alcohol	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**Note:** Limited quantity

**DOT**

**UN-Number** UN 1950  
**Proper shipping name** Aerosols, flammable, n.o.s.  
**Hazard Class** 2.1

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Exempt  
DSL Exempt

### Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Isopropyl alcohol	67-63-0	54.15	1.0

### SARA 311/312 Hazard Categories

Acute Health Hazard Yes  
Chronic Health Hazard Yes  
Fire Hazard Yes  
Sudden Release of Pressure Hazard Yes  
Reactive Hazard No

### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Isopropyl alcohol	X	X	X		X
Rosin			X		X

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. OTHER INFORMATION

<b>NFPA</b>	Health Hazard 2	Flammability 4	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 2	Flammability 4	Physical Hazard 0	Personal Protection X

---

<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
<b>Issuing Date</b>	18-Jun-2013
<b>Revision Date</b>	18-Jun-2013
<b>Revision Note</b>	Initial Release.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet



# SAFETY DATA SHEET

Issuing Date 06-Nov-2013

Revision Date 06-Nov-2013

Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name Skin Lube

### Other means of identification

Product Code(s) 192538, 192540, 192522, 192542, 192544, 192545

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Use on calluses, under straps, on the inside of thighs and other friction-prone areas.

Uses advised against No information available

### Supplier's details

Supplier Address  
Cramer Products, Inc.  
153 W. Warren  
Gardner, KS 66030  
TEL: 913.856.7511

### Emergency telephone number

Emergency Telephone Number 913.856.7511

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Not classified

### GHS Label elements, including precautionary statements



**Emergency Overview**

<b>Signal Word</b>	<b>None</b>
The product contains no substances which at their given concentration are considered to be hazardous to health	
<b>Appearance</b> Yellowish	<b>Physical State</b> Solid. <b>Odor</b> Petroleum jelly

**Precautionary Statements**

**Prevention**  
• None

**General Advice**  
• None

**Storage**  
• None

**Disposal**  
• None

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade secret
Zinc stearate	557-05-1	7-13	-

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of necessary first-aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

**Most important symptoms/effects, acute and delayed**

**Most important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

**Environmental Precautions****Environmental Precautions**

See Section 12 for additional Ecological Information

**Methods and materials for containment and cleaning up****Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**

Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

**Conditions for safe storage, including any incompatibilities****Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products**

Oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Zinc stearate 557-05-1	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

NIOSH IDLH: Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits.

#### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

#### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** No special protective equipment required.  
**Skin and Body Protection** No special protective equipment required.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Physical State	Solid	Appearance	Yellowish
Odor	Petroleum jelly	Odor Threshold	No information available
Property	Values	Remarks/ - Method	
pH	No data available	None known	
Melting Point/Range	- 60 °C	None known	
Boiling Point/Boiling Range	No data available	None known	
Flash Point	No data available	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limits in Air			
upper flammability limit	No data available		
lower flammability limit	No data available		
Vapor Pressure	No data available	None known	
Vapor Density	No data available	None known	
Relative Density	No data available	None known	
Specific Gravity	~0.8	None known	
Water Solubility	Insoluble in water.	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition Temperature	No data available	None known	
Decomposition Temperature	No data available	None known	
Viscosity	No data available	None known	
<b>Flammable Properties</b>	Not flammable		
<b>Explosive Properties</b>	No data available		
<b>Oxidizing Properties</b>	No data available		
<b>Other information</b>			
VOC Content (%)	No data available		

### 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Oxidizing agents.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	There is no data available for this product
<b>Inhalation</b>	There is no data available for this product.
<b>Eye Contact</b>	There is no data available for this product.
<b>Skin Contact</b>	There is no data available for this product.
<b>Ingestion</b>	There is no data available for this product.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Zinc stearate	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity - Product***The following values are calculated based on chapter 3.1 of the GHS document:*

<b>LD50 Oral</b>	2546 mg/kg; Acute toxicity estimate
<b>LD50 Dermal</b>	3607 mg/kg; Acute toxicity estimate

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene glycol 57-55-6	EC50 96 h: = 19000 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 51600 mg/L static (Oncorhynchus mykiss) LC50 96 h: 41 - 47 mL/L static (Oncorhynchus mykiss) LC50 96 h: = 51400 mg/L static (Pimephales promelas) LC50 96 h: = 710 mg/L (Pimephales promelas)	EC50 = 710 mg/L 30 min	EC50 24 h: > 10000 mg/L (Daphnia magna) EC50 48 h: > 1000 mg/L Static (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Zinc stearate	1.2

**Other Adverse Effects**

No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Zinc stearate	Toxic

### 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>MEX</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/MO</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated

### 15. REGULATORY INFORMATION

**International Inventories**

TSCA Complies  
DSL Complies

**Legend**

TSCA - United States Toxic Substances Control Act Section B(b) Inventory  
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Zinc stearate	557-05-1	10.25	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc stearate		X		

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Zinc stearate	X	X	X		X
Dimethicone	X				
Propylene glycol	X	-	X	-	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION				
NFPA	Health Hazard 0	Flammability 0	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal Protection X

---

Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
Issuing Date	06-Nov-2013
Revision Date	06-Nov-2013
Revision Note	Initial Release.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet

# SAFETY DATA SHEET

Issuing Date 12-Dec-2013

Revision Date 12-Dec-2013

Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** Cardinal Health Instant Cold Packs

### Other means of identification

**UN-Number** UN1942

**Synonyms** Cardinal Health Kwik-Kold™ Instant Cold Packs  
Cardinal Health T-Pak® Instant Cold Pack  
Novaplus Instant Cold Pack  
Jack Frost Instant Cold Packs  
Jack Frost Insulated Instant Cold Packs  
Dignity Health Instant Cold Packs  
Zimmer Instant Cold Packs  
Cramer Instant Cold Packs

### Recommended use of the chemical and restrictions on use

**Recommended Use** Instant Cold Pack for thermal therapy

**Uses advised against** No information available

### Supplier's details

**Supplier Address**  
Cardinal Health  
7000 Cardinal Place  
Dublin, OH 43017  
TEL 1-800-964-5227 (Customer Service, 7:30 am (EST) – 8:00 pm (EST))

### Emergency telephone number

**Emergency Telephone Number** For emergency information Contact: CHEMTREC  
For the United States and Canada: 1-800-424-9300  
For international shipments: +1 703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

If container is damaged will release a chemical considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)


A waterproof package containing small white ammonium nitrate pellets surrounding a small rupturable plastic bag filled with water. Once contents are mixed, the bag will feel cold to the touch. Used as a first aid device. No hazards expected when used per instructions. The hazards described below apply if the packaging is damaged resulting in release of ammonium nitrate solution.

Serious Eye Damage/Eye Irritation	Category 2A
Oxidizing solids	Category 3

### GHS Label elements, including precautionary statements



## Emergency Overview

<b>Signal Word</b> <b>Hazard Statements</b> • Causes serious eye irritation • May intensify fire, oxidizer	<b>Warning</b>
	
<b>Appearance</b> Clear to off white liquid packaged in waterproof container	<b>Physical State</b> Liquid
	<b>Odor</b> Odorless

## Precautionary Statements

## Prevention

- Wash face, hands and any exposed skin thoroughly after handling
- Keep away from heat/sparks/open flames/hot surfaces - No smoking
- Keep/Store away from clothing/ other combustible materials
- Take any precaution to avoid mixing with combustibles
- Wear protective gloves/protective clothing/eye protection/face protection

## General Advice

- None

## Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists, Get medical advice/attention.

## Fire

- In case of fire: Use CO2, dry chemical, or foam for extinction.

## Storage

- None

## Disposal

- Dispose of contents/container to an approved waste disposal plant.

## Hazard Not Otherwise Classified (HNOC)

Not applicable

## Other information

No information available  
 0% of the mixture consists of ingredient(s) of unknown toxicity.

## 3. COMPOSITION INFORMATION ON INGREDIENTS

Synonyms	Cardinal Health Kwik-Kold™ Instant Cold Packs
	Cardinal Health T-Pak® Instant Cold Pack
	Novaplus Instant Cold Pack
	Jack Frost Instant Cold Packs
	Jack Frost Insulated Instant Cold Packs
	Dignity Health Instant Cold Packs
	Zimmer Instant Cold Packs
Cramer Instant Cold Packs	

Chemical Name	CAS-No	Weight %	Trade secret
Water	7732-18-5	30-60	*
Ammonium nitrate	6484-52-2	30-60	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### Description of necessary first-aid measures

<b>General Advice</b>	Under normal conditions of use first aid is not required. First aid may be needed if packaging is damaged resulting in contact with solution.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation persists.
<b>Skin Contact</b>	Wash skin with soap and water. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Get medical attention if symptoms occur.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

##### Most important symptoms/effects, acute and delayed

**Most Important Symptoms/Effects** No information available.

##### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to Physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray

**Unsuitable Extinguishing Media** Avoid use of CO<sub>2</sub>, dry chemicals, or foam.

##### Specific Hazards Arising from the Chemical

Ammonium nitrate is a strong oxidizing agent and will support combustion in the absence of oxygen. Take precautions against oxidizers if pellets are released from packaging. Explosive decomposition may occur under fire conditions, heat of decomposition may cause closed containers to build up pressure and explode.

**Hazardous Combustion Products** Ammonia, Nitrogen oxides (NO<sub>x</sub>).

##### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not touch damaged packages or spilled material.

**Environmental Precautions**

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas.

**Methods and materials for containment and cleaning up**

**Methods for Containment** For undamaged containers: Keep away from heat.  
For damaged containers: Remove all combustible material. Cool with water spray. Be aware that spilled material may contain unreacted ammonium nitrate. Treat material as oxidizer.

**Methods for Cleaning Up** For undamaged containers: Pick up and transfer to properly labeled containers.  
For damaged containers: Spilled material may be cold. Remove all sources of ignition. Use non-combustible absorbent material for spilled liquid. Wear protective equipment. Do not use combustible absorbent materials like sawdust. Use non-sparking tools and equipment. Sweep up or shovel into appropriate containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep away from open flames, hot surfaces and sources of ignition. Keep away from heat and sources of ignition. Store at room temperature. Do not freeze.

**Incompatible Products** Strong oxidizing agents, Nitrate salts, Chloride salts, Metal salts, Finely powdered metals, Hydrocarbons.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** No protective equipment is needed under normal use conditions. Safety glasses with side-shields

<b>Skin and Body Protection</b>	No protective equipment is needed under normal use conditions. Impervious gloves.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Clear to off white liquid packaged in waterproof container
<b>Odor</b>	Odorless	<b>Odor Threshold</b>	No information available
<b>Property</b>	<b>Values</b>	<b>Remarks/ - Method</b>	
pH	3.0	Aqueous solution	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	No data available	None known	
Flash Point	Not applicable	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	Not flammable	None known	
<b>Flammability Limits in Air</b>			
upper flammability limit	No data available		
lower flammability limit	No data available		
Vapor Pressure	No data available		None known
Vapor Density	No data available		None known
Relative Density	No data available		None known
Specific Gravity	No data available		None known
Water Solubility	Soluble in water		None known
Solubility in other solvents	No data available		None known
Partition coefficient: n-octanol/water	No data available		None known
Autoignition Temperature	No data available		None known
Decomposition Temperature	No data available		None known
Viscosity	No data available		None known
<b>Flammable Properties</b>	Not flammable		
<b>Explosive Properties</b>	No data available		
<b>Oxidizing Properties</b>	Oxidizer		
<b>Other information</b>			
VOC Content (%)	No data available		

### 10. STABILITY AND REACTIVITY

#### Reactivity

No data available

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

None under normal processing.

#### Conditions to avoid

Combustible material ignition sources - heat, sparks and open flames

**Incompatible materials**

Strong oxidizing agents, Nitrate salts, Chloride salts, Metal salts, Finely powdered metals, Hydrocarbons

**Hazardous decomposition products**

Ammonia, Nitrogen oxides (NOx)

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

Inhalation	There is no data available for this product.
Eye Contact	There is no data available for this product.
Skin Contact	There is no data available for this product.
Ingestion	There is no data available for this product.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ammonium nitrate	= 2217 mg/kg ( Rat )	-	> 88 8 mg/L ( Rat ) 4 h

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms No information available

**Delayed and immediate effects and also chronic effects from short and long term exposure**

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ammonium nitrate		Group 2A		

Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	No information available.

**Numerical measures of toxicity - Product**

Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ammonium nitrate 6484-52-2		LC50 48 h: 65 - 85 mg/L semi-static (Cyprinus carpio)		

Persistence and Degradability No information available.

Bioaccumulation No information available.

Chemical Name	Log Pow
Ammonium nitrate	-3.1

**Other Adverse Effects**

No information available.

<b>13. DISPOSAL CONSIDERATIONS</b>
------------------------------------

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Ammonium nitrate	Ignitable Reactive

<b>14. TRANSPORT INFORMATION</b>
----------------------------------

**DOT**

<b>UN-Number</b>	UN1942
<b>Proper shipping name</b>	Ammonium nitrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III
<b>Description</b>	UN1942, Ammonium nitrate, 5.1, III
<b>Emergency Response Guide Number</b>	140

**TDG**

<b>UN-Number</b>	UN1942
<b>Proper Shipping Name</b>	Ammonium nitrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III
<b>Description</b>	UN1942, Ammonium nitrate, 5.1, III

<b>UN-Number</b>	UN1942
<b>Proper Shipping Name</b>	Ammonium nitrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III
<b>Description</b>	UN1942, Ammonium nitrate, 5.1, III

**ICAO**

<b>UN-Number</b>	UN1942
<b>Proper shipping name</b>	Ammonium nitrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III
<b>Description</b>	UN1942, Ammonium nitrate, 5.1, III

**IATA**

<b>UN-Number</b>	UN1942
<b>Proper Shipping Name</b>	Ammonium nitrate
<b>Hazard Class</b>	5.1
<b>Packing Group</b>	III
<b>ERG Code</b>	5L
<b>Description</b>	UN1942, Ammonium nitrate, 5.1, III

**IMDG/IMO**

<b>UN-Number</b>	UN1942
------------------	--------

**Proper Shipping Name** Ammonium nitrate  
**Hazard Class** 5.1  
**Packing Group** III  
**EmS No.** F-H, S-Q  
**Description** UN1942, Ammonium nitrate, 5.1, III

**UN-Number** UN1942  
**Proper Shipping Name** Ammonium nitrate  
**Hazard Class** 5.1  
**Packing Group** III  
**Classification Code** O2  
**Description** UN1942, Ammonium nitrate 5.1, III

**ADR**  
**UN-Number** UN1942  
**Proper Shipping Name** Ammonium nitrate  
**Hazard Class** 5.1  
**Packing Group** III  
**Classification Code** O2  
**Tunnel Restriction Code** (E)  
**Description** UN1942, Ammonium nitrate, 5.1, III, (E)  
**ADR/RID-Labels** 5.1

**Proper Shipping Name** Ammonium nitrate  
**Hazard Class** 5.1  
**Packing Group** III  
**Classification Code** O2  
**Special Provisions** 305, 611  
**Description** UN1942, Ammonium nitrate, 5.1, III  
**Limited Quantity** 5 kg

### 15. REGULATORY INFORMATION

#### International Inventories

**TSCA** Complies  
**DSL** Complies

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

#### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Ammonium nitrate	6484-52-2	46	10

#### SARA 311/312 Hazard Categories

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** No  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** Yes

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Ammonium nitrate	X	X	X		X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 1	Flammability 0	Instability 3	Physical and Chemical Hazards -
<b>HMS</b>	Health Hazard 1	Flammability 0	Physical Hazard 3	Personal Protection X

Prepared By Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

Issuing Date 12-Dec-2013  
Revision Date 12-Dec-2013  
Revision Note Initial Release.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet





# SAFETY DATA SHEET

Issuing Date 18-Jun-2013

Revision Date 18-Jun-2013

Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name Iso-Quin

### Other means of identification

Product Code(s) 093024, 093033, 093036, 093040, 093042

UN-Number UN 1170

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Germicidal Hand Wash

Uses advised against No information available

### Supplier's details

Supplier Address  
Cramer Products, Inc.  
153 W. Warren  
Gardner, KS 66030  
TEL: 913.856.7511

### Emergency telephone number

Emergency Telephone Number 913.856.7511

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Category 1 Flammable liquids

### GHS Label elements, including precautionary statements

### Emergency Overview

**Signal Word**

• Extremely flammable liquid and vapor

**Danger****Appearance** Light yellow**Physical State** Liquid.**Odor** Pine, Alcohol**Precautionary Statements****Prevention**

- Keep away from heat/sparks/open flames/hot surfaces - No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical/ventilating/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Wear protective gloves/protective clothing/eye protection/face protection.

**General Advice**

- None

**Skin**

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Fire**

- In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Storage**

- Store in a well-ventilated place. Keep cool.

**Dispose!**

- Dispose of in accordance with local/regional/national regulations.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable

**Other information**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade secret
Alcohol	64-17-5	30-60	*
Isopropyl alcohol	67-63-0	3-7	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

Description of necessary first-aid measures

<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Vapors may travel to source of ignition and flash back.

**Explosion Data**

**Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

Yes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area) Take precautionary measures against static discharges. Ensure adequate ventilation. Use personal protective equipment. Do not get in eyes, on skin, or on clothing. Keep people away from and upwind of spill/leak.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information

**Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Take precautionary measures against static discharges. Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

**Incompatible Products** Strong oxidizing agents.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alcohol 64-17-5	-	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

#### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

#### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.  
**Skin and Body Protection** Neoprene or other chemical resistant gloves. Lab coat and/or apron.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Light yellow
<b>Odor</b>	Pine, Alcohol	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
-----------------	---------------	--------------------------

pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	< 21 °C / < 70 °F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	No data available	None known
Specific Gravity	No data available.	None known
Water Solubility	Soluble in water.	None known
Solubility in other solvents	Soluble: Ethanol, Isopropanol.	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
<b>Flammable Properties</b>	Not flammable	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	
<b><u>Other information</u></b>		
VOC Content (%)	No data available	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information. Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several ingredients.
<b>Inhalation</b>	Vapors may cause drowsiness and dizziness.
<b>Eye Contact</b>	Contact with eyes may cause irritation.
<b>Skin Contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Ingestion</b>	May be harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.  
 Ethanol has been shown to be carcinogenic in long-term studies only when consumed and abused as an alcoholic beverage.

Chemical Name	ACGIH	IARC	NTP	OSHA
Alcohol	A3	Group 1	Known	X
Isopropyl alcohol		Group 3		X

**ACGIH: (American Conference of Governmental Industrial Hygienists)**  
 A3 - Animal Carcinogen  
**IARC: (International Agency for Research on Cancer)**  
 Group 1 - Carcinogenic to Humans  
 Group 3: Not Classifiable as to its Carcinogenicity to Humans  
**NTP: (National Toxicity Program)**  
 Known - Known Carcinogen  
**OSHA: (Occupational Safety & Health Administration)**  
 X - Present

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**  
**Acute Toxicity** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**  
 The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Alcohol		LC50 96 h: 12.0 - 16.0 mL/L static (Oncorhynchus mykiss) LC50 96 h: > 100 mg/L static (Pimephales promelas) LC50 96 h: 13400 - 15100 mg/L flow-through (Pimephales promelas)	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	LC50 48 h: 9268 - 14221 mg/L (Daphnia magna) EC50 24 h: = 10800 mg/L (Daphnia magna) EC50 48 h: = 2 mg/L Static (Daphnia magna)

Isopropyl alcohol	EC50 96 h: > 1000 mg/L (Desmodemus subspicatus) EC50 72 h: > 1000 mg/L (Desmodemus subspicatus)	LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus)	EC50 48 h: = 13299 mg/L (Daphnia magna)
-------------------	--	--	---

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Alcohol	-0.32
Isopropyl alcohol	0.05

**Other Adverse Effects**

No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated Packaging** Do not re-use empty containers.

**US EPA Waste Number** D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Alcohol	Toxic Ignitable
Isopropyl alcohol	Toxic Ignitable

### 14. TRANSPORT INFORMATION

**Note:** Limited quantity

**DOT**

**UN-Number** UN 1170  
**Proper shipping name** Ethyl alcohol solution  
**Hazard Class** 3  
**Packing Group** II

### 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Exempt  
**DSL** Exempt

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Isopropyl alcohol	67-63-0	5	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS-No	California Prop. 65
Alcohol	64-17-5	Developmental

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Alcohol	X	X	X	-	
Isopropyl alcohol	X	X	X		X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 0	Flammability 4	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 0	Flammability 4	Physical Hazard 0	Personal Protection X

Prepared By Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

Issuing Date 18-Jun-2013  
Revision Date 18-Jun-2013  
Revision Note Initial Release.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



---

End of Safety Data Sheet