

793

C05481



MATERIAL SAFETY DATA SHEET

Revision date: 04-Jun-2010

Version: 1.0

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

Pfizer Animal Health
Pfizer Inc
235 East 42nd Street
New York, NY 10017
Poison Control Center Phone: 1-866-531-8896
Technical Services Phone: 1-800-366-5288
Emergency telephone number:
CHEMTREC (24 hours): 1-800-424-9300
Contact E-Mail: pfizer-MSDS@pfizer.com

Pfizer Ltd
Ramsgate Road
Sandwich, Kent
CT13 9NJ
United Kingdom
+00 44 (0)1304 616161
Emergency telephone number:
ChemSafe (24 hours): +44 (0)208 762 8322

Material Name: Kopertox

Trade Name:	KOPERTOX
Chemical Family:	Not determined
Intended Use:	Veterinary product

2. HAZARDS IDENTIFICATION

Appearance: Green Liquid

Statement of Hazard: Flammable liquid and vapor.
Harmful if swallowed.
May be harmful if swallowed and enters airways.
May cause cancer.
Very toxic to aquatic life with long lasting effects.

Additional Hazard Information:

Short Term:	Vapors may cause drowsiness and dizziness.
EU Indication of danger:	Carcinogenic: Category 2 N - Dangerous for the environment



EU Risk Phrases:

R10 - Flammable.
R45 - May cause cancer.
R22 - Harmful if swallowed.
R65 - Also harmful: may cause lung damage if swallowed
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazardous Substance. Dangerous Goods.

Australian Hazard Classification (NOHSC):

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2. HAZARDS IDENTIFICATION

Note: This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the active substance or its intermediates regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous

Ingredient	CAS Number	EU EINECS/ELINCS List	EU Classification	%
N-Butyl alcohol	71-36-3	200-751-6	R10 R67 Xi;R36/37 Xi;R37/38-41 Xn;R22	0.12
COPPER NAPHTHENATE	1338-02-9	215-657-0	N;R50-53 R10 Xn;R22	37.5
NAPHTHA	8030-30-6	232-443-2	Carc. Cat.2;R45 Xn;R65	62.3

Additional Information: Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

Eye Contact: Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.

Skin Contact: Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

Inhalation: Remove to fresh air and keep patient at rest. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use carbon dioxide, dry chemical, or water spray.

Hazardous Combustion Products: Formation of toxic gases is possible during heating or fire.

Fire Fighting Procedures: During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

Fire / Explosion Hazards: Flammable liquid and vapor

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6. ACCIDENTAL RELEASE MEASURES

Health and Safety Precautions:	Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.
Measures for Cleaning / Collecting:	Contain the source of the spill if it is safe to do so. Absorb spills with non-combustible absorbent material and transfer into a labeled container for disposal.
Measures for Environmental Protections:	Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.
Additional Consideration for Large Spills:	Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

7. HANDLING AND STORAGE

General Handling:	Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment (see Section 8). Wash hands and any exposed skin after removal of PPE. Refer to Section 12 - Ecological Information, for information on potential effects on the environment. Releases to the environment should be avoided. Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.
Storage Conditions:	Store as directed by product packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Refer to available public information for specific member state Occupational Exposure Limits.

N-Butyl alcohol

ACGIH Threshold Limit Value (TWA)	20 ppm TWA
Australia PEAK	152 mg/m ³
	50 ppm
Austria OEL - MAKs	Listed
Bulgaria OEL - TWA	Listed
Czech Republic OEL - TWA	Listed
Estonia OEL - TWA	Listed
Finland OEL - TWA	Listed
Germany - TRGS 900 - TWAs	100 ppm
	310 mg/m ³
Germany (DFG) - MAK	100 ppm MAK
	310 mg/m ³ MAK
Germany - Biological Exposure Limit:	Listed
Greece OEL - TWA	Listed
Hungary OEL - TWA	Listed
Japan - OELs - Ceilings	150 mg/m ³
	50 ppm
Latvia OEL - TWA	Listed
Lithuania OEL - TWA	Listed
OSHA - Final PELs - TWAs:	100 ppm
	300 mg/m ³
Poland OEL - TWA	Listed
Portugal OEL - TWA	Listed
Romania OEL - TWA	Listed

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Slovenia OEL - TWA	Listed
Sweden OEL - TWAs	Listed

COPPER NAPHTHENATE

Austria OEL - MAKs	Listed
Finland OEL - TWA	Listed
Slovenia OEL - TWA	Listed

NAPHTHA

ACGIH Threshold Limit Value (TWA)	400 ppm TWA
ACGIH OELs - Notice of Intended Changes	Listed
Bulgaria OEL - TWA	Listed
Czech Republic OEL - TWA	Listed
Estonia OEL - TWA	Listed
Ireland OEL - TWAs	Listed
Latvia OEL - TWA	Listed
OSHA - Final PELs - TWAs:	100 ppm 400 mg/m ³
Poland OEL - TWA	Listed
Portugal OEL - TWA	Listed
Romania OEL - TWA	Listed

Engineering Controls:	Engineering controls should be used as the primary means to control exposures.
Environmental Exposure Controls:	Refer to specific Member State legislation for requirements under Community environmental legislation.
Personal Protective Equipment:	Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).
Hands:	Wear impervious gloves if skin contact is possible.
Eyes:	Safety glasses or goggles
Skin:	Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.
Respiratory protection:	If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Color:	Green
Molecular Formula:	Mixture	Molecular Weight:	Mixture

Flammability:	
Flash Point (Liquid) (°C):	45
Upper Explosive Limits (Liquid) (% by Vol.):	5
Lower Explosive Limits (Liquid) (% by Vol.):	0.8

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of use.
Conditions to Avoid:	Fine particles (such as dust and mists) may fuel fires/explosions.
Incompatible Materials:	As a precautionary measure, keep away from strong oxidizers

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11. TOXICOLOGICAL INFORMATION

General Information: The information included in this section describes the potential hazards of the individual ingredients.

Acute Toxicity: (Species, Route, End Point, Dose)

NAPHTHA

Rat Oral LD50 > 5000 mg/kg

COPPER NAPHTHENATE

Rat Oral LD50 110 mg/kg

N-Butyl alcohol

Rat Oral LD50 790 mg/kg

Acute Toxicity Comments: A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable at the highest dose used in the test.

Irritation / Sensitization: (Study Type, Species, Severity)

NAPHTHA

Eye Irritation Rabbit Mild

Skin Irritation Rabbit Mild

Carcinogen Status:

None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Environmental Overview: The environmental characteristics of this mixture have not been fully evaluated. Releases to the environment should be avoided. See aquatic toxicity data for individual components below:

Aquatic Toxicity: (Species, Method, End Point, Duration, Result)

COPPER NAPHTHENATE

Lepomis macrochirus (Bluegill Sunfish) LC50 96 Hours 3.1 mg/L

Oncorhynchus mykiss (Rainbow Trout) LC50 96 Hours 1.1 mg/L

Daphnia Magna (Water Flea) EC50 48 Hours 0.34 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

N-Butyl alcohol

RCRA - U Series Wastes

Listed

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14. TRANSPORT INFORMATION

This material is regulated for transportation as a hazardous material/dangerous good.

UN proper shipping name: Flammable Liquid, n.o.s. (Naphtha, Copper Naphthenate) RQ (n-Butyl Alcohol)
UN number: UN 1993
Transport hazard class(es): 3
Flash Point (°C): 45 (open cup)
Packing group: III

For small quantities, limited to inner packaging less than or equal to 5.0L (1.3 gal) and outer packaging less than or equal to 30 kg (66 lb.) gross weight, the following may be used: If your commodity meets the definition of a limited quantity and is packaged for retail sale, it may be considered a consumer commodity and excepted from additional requirements as applicable.

IATA / ICAO

IATA Proper shipping name: Consumer Commodity
IATA UN / ID No: ID 8000
IATA Hazard Class: 9

IMDG

IMDG Proper shipping name: Flammable Liquid, n.o.s. (Naphtha, Copper Naphthenate) Ltd. Qty.
IMDG UN / ID No: UN 1993
IMDG Hazard Class: 3
Flash Point (°C): 45 (open cup)
IMDG Packing Group: III

ADR/RID

ADR/RID Proper shipping name: Flammable Liquid, n.o.s. (Naphtha, Copper Naphthenate) Ltd. Qty.
ADR / RID UN / ID No: UN 1993
ADR / RID Hazard Class: 3
ADR / RID Packing Group: III

DOT

DOT Proper shipping name: Consumer Commodity
DOT Hazard Class: ORM-D

15. REGULATORY INFORMATION

Contains: NAPHTHA, COPPER NAPHTHENATE
EU Symbol: T, N
EU Indication of danger: Carcinogenic: Category 2
N - Dangerous for the environment

EU Risk Phrases:

R10 - Flammable.
R45 - May cause cancer.
R22 - Harmful if swallowed.
R65 - Also harmful: may cause lung damage if swallowed
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

EU Safety Phrases:

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53 - Avoid exposure - obtain special instructions before use.
S60 - This material and its container must be disposed of as hazardous waste.
S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

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15. REGULATORY INFORMATION

OSHA Label:

Flammable liquid and vapor.
Harmful if swallowed.
May be harmful if swallowed and enters airways.
May cause cancer.
Very toxic to aquatic life with long lasting effects.

Canada - WHMIS: Classifications

WHMIS hazard class:
D1b toxic materials



N-Butyl alcohol

CERCLA/SARA 313 Emission reporting	1.0% de minimis concentration
CERCLA/SARA Hazardous Substances and their Reportable Quantities:	2270 kg final RQ
Inventory - United States TSCA - Sect. 8(b)	5000 lb final RQ
Australia (AICS):	Listed
REACH - Annex XVII - Restrictions on Certain Dangerous Substances:	Listed
EU EINECS/ELINCS List	Use restricted. See item 40.
	200-751-6

COPPER NAPHTHENATE

CERCLA/SARA 313 Emission reporting	1.0% de minimis concentration does not include copper phthalocyanine compounds substituted only with hydrogen and/or bromine and/or chlorine
Inventory - United States TSCA - Sect. 8(b)	Listed
Australia (AICS):	Listed
Standard for the Uniform Scheduling for Drugs and Poisons:	Schedule 4
	Schedule 5
	Schedule 6
REACH - Annex XVII - Restrictions on Certain Dangerous Substances:	Use restricted. See item 40.
EU EINECS/ELINCS List	215-657-0

NAPHTHA

Inventory - United States TSCA - Sect. 8(b)	Listed
Australia (AICS):	Listed
REACH - Annex XVII - Restrictions on Certain Dangerous Substances:	Use restricted. See item 28.
REACH - Carcinogens Category 2:	Category 2 Carcinogenic Substance (P)
EU EINECS/ELINCS List	232-443-2

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16. OTHER INFORMATION

- R10 - Flammable.
- R22 - Harmful if swallowed.
- R45 - May cause cancer.
- R65 - Harmful: may cause lung damage if swallowed.
- R67 - Vapors may cause drowsiness and dizziness.
- R41 - Risk of serious damage to eyes.
- R36/37 - Irritating to eyes and respiratory system.
- R37/38 - Irritating to respiratory system and skin.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Data Sources: Publicly available toxicity information. Safety data sheets for individual ingredients.

Prepared by: Product Stewardship Hazard Communications
Pfizer Global Environment, Health, and Safety Operations

Pfizer Inc believes that the information contained in this Material Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

End of Safety Data Sheet