

NASCO # 8637  
SB51368

# Search Ink Strips (Covers All Sizes and Quantities)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 01/06/2015

Supersedes: 10/26/2011

Version:

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product form : Mixture  
Product name : Search Ink Strips (Covers All Sizes and Quantities)  
Product code : SIS15

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation : Fingerprint Ink

#### 1.3 Details of the supplier of the safety data sheet

SIRCHIE Finger Print Laboratories  
100 Hunter Place  
27596 Youngsville, NC - USA  
T 919-554-2244; 800-356-7311 - F 919-554-2266; 800-899-8181  
<http://www.sirchie.com>

#### 1.4 Emergency telephone number

Emergency number : 1.800.424.9300

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (GHS-US)  
Not classified

#### 2.2 Label elements

##### GHS-US labeling

Hazard statements (GHS-US) : If this product is used as indicated it is unlikely that any adverse health issues will occur. Inhalation or ingestion of significant amounts may cause respiratory irritation and/or gastric disturbances.  
This product is not considered toxic under Federal Hazardous Substances Act regulations, Title 16, Part 1500.  
H320 - Causes eye irritation  
H317 - May cause an allergic skin reaction

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P402+P404 - Store in a dry place or in a tightly closed container.

#### 2.3 Other hazards

Other hazards not contributing to the classification : None under normal conditions.

#### 2.4 Environmental toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

| Name                                      | Product identifier    | %         | Classification (GHS-US) |
|---|-----------------------|-----------|-------------------------|
| Ink Resins                                | (CAS No.) Proprietary | 25 - 30   | Not classified          |
| Ink Pigments                              | (CAS No.) Proprietary | 25 - 28   | Not classified          |
| Vegetable Oils                            | (CAS No.) Proprietary | 20 - 27   | Not classified          |
| Ink Additives                             | (CAS No.) Proprietary | 4 - 10    | Not classified          |
| white mineral oil (petroleum)             | (CAS No.) 8042-47-5   | 4.5 - 8.5 | Not classified          |
| distillates (petroleum), sweetened middle | (CAS No.) 64741-86-2  | <= 8.5    | Not classified          |
| Anti-Oxidant (Proprietary)                | (CAS No.) Proprietary | < 1       | Not classified          |





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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2 Most important symptoms and effects: both acute and delayed

- Symptoms/Injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2 Special hazards arising from the substance or mixture

- Reactivity : No reactivity hazard other than the effects described in sub-sections below.

#### 5.3 Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

- 6.1.1. For non-emergency personnel  
Emergency procedures : Evacuate unnecessary personnel.

- 6.1.2. For emergency responders  
Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

#### 6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4 Reference to other sections

See Heading B. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

#### 7.2 Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.
- Incompatible products : Strong bases, strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

#### 7.3 Specific end uses

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

| white mineral oil (petroleum) (8042-47-6) |                                |                     |
|---|--------------------------------|---------------------|
| USA ACGIH                                 | ACGIH TWA (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup> |



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### 8.2 Exposure controls

Personal protective equipment : Gloves. Safety glasses. Avoid all unnecessary exposure.



Hand protection : Wear protective gloves.  
Eye protection : Chemical goggles or safety glasses.  
Respiratory protection : Wear approved mask.  
Other information : When using, do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : Liquid  
Appearance : colloidal gel.  
Color : black.  
Odor : hydrocarbon-like odor.  
Odor threshold : No data available  
pH : No data available  
Relative evaporation rate (butyl acetate=1) : No data available  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Self ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapor pressure : No data available  
Relative vapor density at 20 °C : No data available  
Relative density : No data available  
Solubility : Insoluble in water.  
Log Pow : No data available  
Log Kow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available  
Explosive limits : No data available

### 9.2 Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No reactivity hazard other than the effects described in sub-sections below.

### 10.2 Chemical stability

Stable under recommended handling and storage conditions (see section 7). Not established.

### 10.3 Possibility of hazardous reactions

Not established.

### 10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5 Incompatible materials

strong acids. Strong bases.

### 10.6 Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.



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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Acute toxicity : Not classified

| white mineral oil (petroleum) (8042-47-5) |  |
|---|--|
| LD50 oral rat                             | > 5000 mg/kg body weight (Rat; Experimental value,Rat; Experimental value)       |
| LD50 dermal rabbit                        | > 2000 mg/kg body weight (Rabbit; Experimental value,Rabbit; Experimental value) |
| LC50 Inhalation rat (mg/l)                | > 5 mg/l/4h (Rat; Experimental value,Rat; Experimental value)                    |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified

#### white mineral oil (petroleum) (8042-47-5)

| white mineral oil (petroleum) (8042-47-5)           |   |
|---|---|
| IARC group  | 3   |
| Reproductive toxicity                               | : Not classified Based on available data, the classification criteria are not met |
| Specific target organ toxicity (single exposure)    | : Not classified  |
| Specific target organ toxicity (repeated exposure)  | : Not classified Based on available data, the classification criteria are not met |
| Aspiration hazard                                   | : Not classified Based on available data, the classification criteria are not met |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met.               |

### SECTION 12: Ecological information

#### 12.1 Toxicity

| white mineral oil (petroleum) (8042-47-5) |   |
|---|---|
| LC50 fish 1                               | > 100 mg/l (96 h; Oncorhynchus mykiss; NOMINAL CONCENTRATION) |
| Threshold limit algae 1                   | ≥ 100,72 h; Pseudokirchnerella subcapitata; GROWTH RATE       |

#### 12.2 Persistence and degradability

| Search Ink Strips (Covers All Sizes and Quantities) |                  |
|---|------------------|
| Persistence and degradability                       | Not established. |

  

| white mineral oil (petroleum) (8042-47-5) |  |
|---|--|
| Persistence and degradability             | Not readily biodegradable in water. No (test) data on mobility of the substance available. |

#### 12.3 Bioaccumulative potential

| Search Ink Strips (Covers All Sizes and Quantities) |                  |
|---|------------------|
| Bioaccumulative potential                           | Not established. |

  

| white mineral oil (petroleum) (8042-47-5) |                                    |
|---|------------------------------------|
| Bioaccumulative potential                 | No bioaccumulation data available. |

#### 12.4 Mobility in soil

No additional information available

#### 12.5 Other adverse effects

Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

#### 14.1 UN number

Not applicable



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### 13.2. US proper shipping name

Not applicable

### 14.3. Additional information

Other information : No supplementary information available.

#### Overland transport

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

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Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations

No additional information available

### 16.1. US State regulations

No additional information available

## SECTION 16: Other information

#### NFPA health hazard

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

#### NFPA fire hazard

: 1 - Must be preheated before ignition can occur.

#### NFPA reactivity

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



#### HMIS III Rating

##### Health

: 1 Slight Hazard - Irritation or minor reversible injury possible

##### Flammability

: 1 Slight Hazard

##### Physical

: 0 Minimal Hazard

##### Personal Protection

: B

#### SDS US (GHS HazCom 2012)

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.