

Prepared according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Date of issue: 06/10/2016      Revision date: 09/01/2017      Supersedes: 08/23/2017      Version: 3.1

## SECTION 1: IDENTIFICATION

### 1.1. IDENTIFICATION

Product form : Substance  
 Substance name : SKC-S

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Recommended use : Non-Destructive Testing.

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

|                                                                            |                    |
|----------------------------------------------------------------------------|--------------------|
| <b>Manufacturer</b>                                                        | <b>Distributor</b> |
| Magnaflux<br>155 Harlem Ave.<br>Glenview, IL 60025 - USA<br>T 847-657-5300 |                    |

### 1.4. EMERGENCY TELEPHONE NUMBER

Emergency number : CHEMTREC 800-424-9300

## SECTION 2: HAZARD IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

#### GHS classification

Flam. Liq. 2  
 Skin Irrit. 2  
 STOT SE 3  
 Asp. Tox. 1

### 2.2. LABEL ELEMENTS

#### GHS labelling

Hazard pictograms (GHS) :

|                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |
| GHS02                                                                               | GHS07                                                                               | GHS08                                                                                |

Signal word (GHS) : Danger

Hazard statements (GHS) : Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness.

Precautionary statements (GHS) : 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. OTHER HAZARDS

No additional information available

### 2.4. UNKNOWN ACUTE TOXICITY

Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. SUBSTANCES

| Name                                   | Product identifier   | %   |
|----------------------------------------|----------------------|-----|
| Naphtha, petroleum, hydrotreated light | (CAS-No.) 64742-49-0 | 100 |

### 3.2. MIXTURES

Not applicable

## SECTION 4: FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

- First-aid measures after inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash clothing before re-using. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Symptoms/effects after inhalation : May cause drowsiness or dizziness. May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
- Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. EXTINGUISHING MEDIA

- Suitable extinguishing media : Dry chemical. Carbon dioxide. Water spray. Water fog. Foam.
- Unsuitable extinguishing media : Do not use water jet.

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Fire hazard : Highly flammable liquid and vapour. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Products of combustion may include, and are not limited to: oxides of carbon.
- Explosion hazard : May form flammable/explosive vapour-air mixture. Intense heat may cause container to burst.
- Reactivity : No dangerous reaction known under conditions of normal use.

### 5.3. ADVICE FOR FIREFIGHTERS

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Cool closed containers exposed to fire with water spray.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Remove ignition sources. Use special care to avoid static electric charges. Use only non-sparking tools. Avoid breathing vapour or mist.

#### 6.1.1. FOR NON-EMERGENCY PERSONNEL

No additional information available

#### 6.1.2. FOR EMERGENCY RESPONDERS

No additional information available

### 6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow to enter into surface water or drains. Prevent entry to sewers and public waters.

**6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

- For containment : Stop leak without risks if possible. Dilute with water. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment. Use explosion-proof equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

**6.4. REFERENCE TO OTHER SECTIONS**

For further information refer to section 8: "Exposure controls/personal protection"

**SECTION 7: HANDLING AND STORAGE**
**7.1. PRECAUTIONS FOR SAFE HANDLING**

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
- Precautions for safe handling : Keep away from sources of ignition - No smoking. Use only non-sparking tools. Use only explosion-proof equipment. Take precautionary measures against static discharge. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

**7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

- Technical measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage conditions : Keep locked up and out of reach of children. Keep container tightly closed. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatibles. Do not expose to temperatures exceeding 50 °C/ 122 °F.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**
**8.1. CONTROL PARAMETERS**
**Naphtha, petroleum, hydrotreated light (64742-49-0)**

|       |           |            |
|-------|-----------|------------|
| ACGIH | ACGIH TWA | 247 ppm/8h |
|-------|-----------|------------|

**8.2. EXPOSURE CONTROLS**

- Appropriate engineering controls : Ensure good ventilation of the work station. Use explosion-proof ventilation equipment.
- Hand protection : Wear suitable gloves resistant to chemical penetration.
- Eye protection : Safety glasses or goggles are recommended when using product.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls : Avoid release to the environment.
- Other information : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
**9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

- Physical state : Liquid
- Appearance : Clear
- Colour : Colourless
- Odour : Hydrocarbon
- Odour threshold : No data available
- pH : Neutral
- Melting point : No data available
- Freezing point : No data available
- Boiling point : ~118 °C (~245 °F)
- Flash point : 15 °C (59 °F)
- Relative evaporation rate (butylacetate=1) : No data available
- Flammability (solid, gas) : Highly flammable liquid and vapour.
- Vapour pressure : No data available

|                                       |                     |
|---------------------------------------|---------------------|
| Relative vapour density at 20 °C      | : No data available |
| Relative density                      | : 0.76              |
| Solubility                            | : No data available |
| Partition coefficient n-octanol/water | : No data available |
| Auto-ignition temperature             | : No data available |
| Decomposition temperature             | : No data available |
| Viscosity, kinematic                  | : 0.786 cSt         |
| Viscosity, dynamic                    | : No data available |
| Explosive limits                      | : No data available |
| Explosive properties                  | : No data available |
| Oxidising properties                  | : No data available |

## 9.2. OTHER INFORMATION

|             |           |
|-------------|-----------|
| VOC content | : 750 g/l |
|-------------|-----------|

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

### 10.2. CHEMICAL STABILITY

Stable under normal conditions. May form flammable/explosive vapour-air mixture.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

### 10.4. CONDITIONS TO AVOID

Heat. Sources of ignition. Direct sunlight. Incompatible materials.

### 10.5. INCOMPATIBLE MATERIALS

Oxidizing materials.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon. May release flammable gases.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

|                             |                   |
|-----------------------------|-------------------|
| Acute toxicity (oral)       | : Not classified. |
| Acute toxicity (dermal)     | : Not classified. |
| Acute toxicity (inhalation) | : Not classified. |

| Naphtha, petroleum, hydrotreated light (64742-49-0) |              |
|-----------------------------------------------------|--------------|
| LD50 oral rat                                       | > 5000 mg/kg |
| LD50 dermal rabbit                                  | > 3160 mg/kg |
| LC50 inhalation rat                                 | 73680 ppm/4h |

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: Neutral        |
| Serious eye damage/irritation     | : Not classified.<br>pH: Neutral                |
| Respiratory or skin sensitisation | : Not classified.                               |
| Germ cell mutagenicity            | : Not classified.                               |
| Carcinogenicity                   | : Not classified.                               |
| Reproductive toxicity             | : Not classified.                               |
| STOT-single exposure              | : May cause drowsiness or dizziness.            |
| STOT-repeated exposure            | : Not classified.                               |
| Aspiration hazard                 | : May be fatal if swallowed and enters airways. |

**SKC-S**

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| Viscosity, kinematic (calculated value) (40 °C) | 0.786 mm <sup>2</sup> /s |
|-------------------------------------------------|--------------------------|

Symptoms/effects after inhalation : May cause drowsiness or dizziness. May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

**SECTION 12: ECOLOGICAL INFORMATION**
**12.1. TOXICITY**

Ecology - general : May cause long-term adverse effects in the aquatic environment.

**12.2. PERSISTENCE AND DEGRADABILITY**
**SKC-S**

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

**12.3. BIOACCUMULATIVE POTENTIAL**
**SKC-S**

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

**12.4. MOBILITY IN SOIL**

No additional information available

**12.5. OTHER ADVERSE EFFECTS**

Effect on the global warming : No known effects from this product.

Other information : No other effects known.

**SECTION 13: DISPOSAL CONSIDERATIONS**
**13.1. WASTE TREATMENT METHODS**

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Handle empty containers with care because residual vapours are flammable. Do not reuse container.

**SECTION 14: TRANSPORT INFORMATION**

In accordance with DOT/TDG/IATA/IMDG

DOT : UN1268 Petroleum Distillates, n.o.s. (Naphtha) 3 II, marine pollutant

Transportation of Dangerous Goods : UN1268 Petroleum Distillates, n.o.s. (Naphtha) 3 II, marine pollutant

IATA : UN1268 Petroleum Distillates, n.o.s. (Naphtha) 3 II, marine pollutant

IMDG : UN1268 Petroleum Distillates, n.o.s. (Naphtha) 3 II, marine pollutant

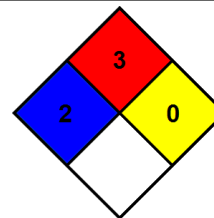
**SECTION 15: REGULATORY INFORMATION**
**15.1. FEDERAL REGULATIONS**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

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|                    |   |   |
|--------------------|---|---|
| NFPA health hazard | : | 2 |
| NFPA fire hazard   | : | 3 |
| NFPA reactivity    | : | 0 |

**15.2. INTERNATIONAL REGULATIONS**

No additional information available

**15.3. US STATE REGULATIONS**

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

**SECTION 16: OTHER INFORMATION**

|                   |   |                                                                              |
|-------------------|---|------------------------------------------------------------------------------|
| Revision date     | : | 09/01/2017                                                                   |
| Other information | : | None.                                                                        |
| Prepared by       | : | Nexreg Compliance Inc.<br><a href="http://www.Nexreg.com">www.Nexreg.com</a> |



SDS HazCom 2012 - WHMIS 2015 (Nexreg\_MAGNAFLUX)

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