# Safety Data Sheet: KUL-THERM LIQUID GEL

**Supercedes Date** 09/30/2009 **Issuing Date** 10/31/2013

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** KUL-THERM LIQUID GEL
**Recommended use** Water-borne coatings
**Information on Manufacturer**
Partsmaster, Div of NCH Corp.

P.O. Box 655326
Dallas, TX 75265-5326

**Product Code** P013
**Chemical nature** Aqueous solution
**Emergency Telephone Number**
CHEMTREC® 800-424-9300

## 2. HAZARD IDENTIFICATION

**Color** Colorless **Physical State** Liquid **Odor** Odorless

**GHS Classification**
*Physical Hazards*
None
*Health Hazard*
None
*Other hazards*
None

**Labeling**
*Signal Word*
**Not classified**

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS-No | Weight % |
|---|---|---|
| Silicic acid lithium magnesium sodium salt | 53320-86-8 | 1-5 |

## 4. FIRST AID MEASURES

**General advice** Avoid contact with eyes.
**Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
**Skin Contact** Wash off with soap and plenty of water.
**Inhalation** If inhaled, remove to fresh air.
**Ingestion** Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
**Notes to physician** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**Flash Point** Does not flash **Method** Not applicable
**Flammability Limits in Air %** Not applicable. **Upper** No data available **Lower** No data available
**Suitable Extinguishing Media**
Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
**Specific hazards arising from the chemical**
Material can create slippery conditions.
**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.

| | | | |
|---|---|---|---|
| **NFPA** | **Health** 1 | **Flammability** 0 | **Instability** 0 |
| **HMIS** | **Health** 1 | **Flammability** 0 | **Instability** 0 |

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can

create slippery conditions.

**Environmental Precautions** Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Methods for Containment** Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

**Neutralizing Agent** Not applicable.

## 7. HANDLING AND STORAGE

**Handling** Avoid contact with eyes.

**Storage** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

**Storage Temperature** **Minimum** 35 °F / 2 °C **Maximum** 120 °F / 49 °C

**Storage Conditions** **Indoor** X **Outdoor** **Heated** **Refrigerated**

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

| Component | ACGIH TLV | OSHA PEL | NIOSH |
|---|---|---|---|
| Silicic acid lithium magnesium sodium salt | No data available | No data available | No data available |

**Engineering Measures** Ensure adequate ventilation.

**Personal Protective Equipment**

**Eye/Face Protection** Safety glasses with side-shields.

**Skin Protection** None under normal processing

**Respiratory Protection** None under normal processing.

**General Hygiene Considerations** Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Physical State** | Liquid | **Viscosity** | Viscous |
| **Color** | Colorless | **Odor** | Odorless |
| **Odor Threshold** | Not applicable | **Appearance** | Transparent - Hazy |
| **pH** | 9.6 | **Specific Gravity** | 1.014 |
| **Evaporation Rate** | 0.59 (Butyl acetate=1) | **Percent Volatile (Volume)** | 99 |
| **VOC Content (%)** | 0 | **VOC Content (g/L)** | 0 |
| **Vapor Pressure** | 17.2 mmHg @ 75°F | **Vapor Density** | 0.6 (Air = 1.0) |
| **Solubility** | Completely soluble | **n-Octanol/Water Partition** | No data available |
| **Melting Point/Range** | No data available | **Decomposition Temperature** | No data available |
| **Boiling Point/Range** | 210 °F / 99 °C | **Flammability (solid, gas)** | No data available |
| **Flash Point** | Does not flash | **Method** | Not applicable |
| **Autoignition Temperature** | No information available. | | |
| **Flammability Limits in Air %** | Not applicable. | **Upper** No data available **Lower** No data available | |

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable. Hazardous polymerization does not occur.

**Conditions to Avoid** None known

**Incompatible Products** Strong acids, Strong oxidizing agents.

**Hazardous Decomposition Products** Sodium oxides

**Possibility of Hazardous Reactions** None under normal processing

## 11. TOXICOLOGICAL INFORMATION

**Product Information**

**The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):**

**Oral LD50** No information available

**Dermal LD50** No information available

**Inhalation LC50**

**Gas** No information available

**Mist** No information available

**Vapor** No information available

**Principle Route of Exposure** Eye contact, Skin contact.

**Primary Routes of Entry** None known
**Acute Effects**
**Eyes** May cause eye irritation.
**Skin** Low hazard for usual industrial or commercial handling.
**Inhalation** Low hazard for usual industrial or commercial handling.
**Ingestion** Low hazard for usual industrial or commercial handling.
**Chronic Toxicity** None known.
**Target Organ Effects** None known
**Aggravated Medical Conditions** None known

Component Information

**Acute Toxicity**

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation | Draize Test | Other |
|---|---|---|---|---|---|
| Silicic acid lithium magnesium sodium salt | no data available | no data available | no data available | no data available | no data available |

**Chronic Toxicity**

| Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
|---|---|---|---|---|---|
| Silicic acid lithium magnesium sodium salt | no data available | no data available | no data available | no data available | no data available |

**Carcinogenicity**

| Component | ACGIH | IARC | NTP | OSHA | Other |
|---|---|---|---|---|---|
| Silicic acid lithium magnesium sodium salt | not applicable | not applicable | not applicable | not applicable | not applicable |

## 12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

| Component | Toxicity to Algae | Toxicity to Fish | Microtox | Water Flea | log Pow |
|---|---|---|---|---|---|
| Silicic acid lithium magnesium sodium salt | no data available | no data available | no data available | no data available | N/A |

**Persistence and Degradability** No information available.
**Bioaccumulation** No information available.
**Mobility** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of in accordance with local regulations.
**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

## 15. REGULATORY INFORMATION

**Inventories**
**TSCA** Complies
**DSL** Complies
**U.S. Federal Regulations**

**SARA 313**
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 and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

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

**CERCLA**

| Component | Hazardous Substances RQs | CERCLA EHS RQs |
|---|---|---|
| Silicic acid lithium magnesium sodium salt | Not applicable | Not applicable |

**U.S. State Regulations**

**California Proposition 65** This product does not contain any Proposition 65 chemicals.

## 16. OTHER INFORMATION

**Prepared By** Rachael Mohochi
**Supercedes Date** 09/30/2009
**Issuing Date** 10/31/2013
**Reason for Revision** No information available.
**Glossary** No information available.
**List of References.** No information available.

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