


SAFETEMP® SLURRY

SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SafeTemp® Slurry
General or Generic ID: None
Manufacturer's Name (same as Supplier): HOC Industries, Inc.
 3511 N. Ohio,
 Wichita, KS 67219-3721 USA
 Phone: (800) 999-9645
Contact Information Email: msds@hocindustries.com
 Website: www.hocindustries.com
Recommended Use: See Technical Data Sheet.
Restricted Use: Not known.
Emergency Telephone: PERS: (800) 633-8253

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification: Eye Irritation: 2; H319. Causes serious eye irritation.
Label Elements: Using the Toxicity Data listed in Section 11 and 12, the product is labelled as follows.
Hazard Symbol: 
Signal Word: Warning
Precautionary Statements: *Prevention:* P264 Wash thoroughly after handling. P280 Wear protective gloves/eye protection/face protection.
Response: P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P337+313 If eye irritation persists: Get medical advice/attention.
Storage: No GHS storage statements
Disposal: No GHS disposal statements.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures: This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<u>Chemical Identity:</u>	<u>GHS Classification:</u>	<u>CAS Number:</u>	<u>Weight in Percent (%):</u>
Propylene Glycol	Not Classified.	57-55-6	50%–75%
Surfactant	Eye Irrit. 2; H319	Proprietary	1.0%–10%
Emulsifier	Acute Tox. 4; H302 Eye Dam. 1; H318	Proprietary	1.0%–10%

Notes: In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret. [1] Substance

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

classified with a health or environmental hazard. [2] Substance with a workplace exposure limit. [3] PBT-substance or vPvB-substance. * The full texts of the phrases are shown in Section 16.

SECTION 4. FIRST AID MEASURES

General Information:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Ingestion:	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Inhalation:	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Skin Contact:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Eye Contact:	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Most Important Symptoms/Effects, Acute and Delayed:

Symptoms:	<p>Eye Contact: May cause severe irritation with possible permanent damage.</p> <p>Primary Routes of Entry: eyes, skin</p> <p>Effect of Acute and Chronic Overexposure: Acute: Eyes: Liquid causes eye irritation. Skin: Prolonged contact, as with clothing wetted with material, may cause more severe irritation and discomfort. May cause dermatitis and aggravate existing skin conditions.</p> <p>Respiratory System: High vapor concentration may cause headaches and irritation to the respiratory system.</p> <p>Ingestion: May irritate stomach and intestines. If swallowed may be aspirated into lungs resulting in pulmonary edema and chemical pneumonitis. Ingestion may cause burns to the digestive tract. Chronic: Repeated skin contact may cause a persistent irritation or dermatitis.</p> <p>Carcinogenic Data: This product is not currently listed as a carcinogen by NTP, OSHA, ACGIH, or IARC. See Section 2 for further details.</p>
Eye:	Causes serious eye irritation.

SECTION 5. FIRE FIGHTING MEASURES

General Fire Hazards:	Non-flammable by OSHA criteria.
Extinguishing Media:	Recommended Extinguishing Media: alcohol resistant foam, CO ₂ , powder.
Special Hazards Arising from the Substance or Mixture:	Hazardous Decomposition: Oxides of carbon and sulphur, formaldehyde gas and thiols.
Special Protective Equipment and Precautions for Firefighters:	Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Put on appropriate personal protective equipment (see Section 8).
---	---

SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods and Material for Containment and Cleaning: Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in Section 8. Contain and absorb spillage with non-combustible materials, e.g., sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See Section 13). Do not allow spills to enter drains or watercourses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

Environmental Precautions: Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid breathing vapours and mist when spraying.

General Hygiene Advice: Wash hands before eating, drinking, or smoking. Launder contaminated clothing before reuse.

Conditions for Safe Storage (including any incompatibilities): Use UV resistant containers. Handle containers carefully to prevent damage and spillage. Keep away from direct heat

Temperature Storage Limits: Minimum -45 °C (-50 °F)
Maximum 60 °C (140 °F)

Incompatible Materials: Strong oxidizers, strong acids and alkali metals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Exposure:

<u>Chemical Identity:</u>	<u>CAS Number:</u>	<u>Exposure Limit Values:</u>	<u>Source:</u>
Propylene Glycol	57-55-6	No Established Limit.	OSHA
		TWA(Aerosol): 10 mg/m ³	ACGIH
		No Established Limit.	NIOSH
		10 mg/m ³ TWA (listed as AIHA WEEL)	Supplier
Surfactant	Proprietary	No Established Limit.	OSHA
		TWA: 5 mg/m ³	ACGIH
		No Established Limit.	NIOSH
		No Established Limit.	Supplier

Carcinogen Data:

<u>Chemical Identity:</u>	<u>CAS Number:</u>	<u>Exposure Limit Values:</u>	<u>Source:</u>
Surfactant	Proprietary	Select Carcinogen: No	OSHA
		Known: No; Suspected: No	NTP
		Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;	IARC

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls/Individual Protection Measures, Such as Personal Protective Equipment:

Engineering Controls:	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Respiratory Protection:	If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
Eye/Face Protection:	Protective safety glasses with side shields. Do not wear contact lenses.
Skin Protection:	Wear overalls to keep skin contact to a minimum. Rubber, neoprene or vinyl gloves.
Other Work Practices:	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. See Section 2 for further details.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	<i>Physical State:</i> Liquid <i>Colour:</i> Dark Orange
Odour:	Mild
Odour Threshold:	Not Measured.
pH:	Not Measured.
Melting Point/Freezing Point:	<-40 °F
Initial Boiling Point and Boiling Range:	212 °F
Flash Point:	220 °F / 107 °C (TCC)
Evaporation Rate:	<1 (Bu-Acetate = 1)
Flammability (solid/gas):	Not Applicable.
Upper/Lower Limit on Flammability or Explosive Limits:	<i>Explosive Limit</i> – upper (%): 17.4% <i>Explosive Limit</i> – lower (%): 2.4%
Vapor Pressure:	<0.1 @ 100 °F (mmHg)
Vapor Density (AIR = 1):	>1
Specific Gravity (20 °C):	1.06 @ 60 °F
Solubility:	Not measured.
Partition Coefficient (n-octanol/water):	Not measured.
Auto-ignition Temperature:	Not measured.
Decomposition Temperature:	Not measured.
Viscosity (20 °C):	Not measured.
Other Information:	No other relevant information.

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Hazardous Polymerization will not occur.
Chemical Stability:	Stable under normal circumstances.
Possibility of Hazardous Reactions:	No data available.
Conditions to Avoid:	Temperatures above 160 °C.
Incompatible Materials:	Strong oxidizers and alkali metals.
Hazardous Decomposition Products:	Oxides of carbon and sulphur, formaldehyde gas and thiols.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

Acute Toxicity:

Ingredient	Oral LD₅₀ mg/kg	Skin LD₅₀ mg/kg	Inhalation Vapor LC₅₀ mg/L/4hr	Inhalation Dust/Mist LC₅₀ mg/L/4hr	Inhalation Gas LC₅₀ ppm
Propylene Glycol (57-55-6)	20,000.00, Rat - Category: NA	20,800.00, Rabbit - Category: NA	105.00, Rat - Category: NA	No data available.	No data available.

Note: When no route specific LD₅₀ data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification:

Acute Toxicity:

Hazard Description:

Oral: Not Applicable.
Dermal: Not Applicable.
Inhalation: Not Applicable.

Skin Corrosion/Irritation:

Not Applicable.

Serious Eye Damage/Eye Irritation:

Category 2. Causes serious eye irritation.

Respiratory or Skin Sensitization:

Not Applicable.

Carcinogenicity:

Not Applicable.

Germ Cell Mutagenicity:

Not Applicable.

Reproductive Toxicity:

Not Applicable.

Specific Target Organ Toxicity (single exposure):

Not Applicable.

Specific Target Organ Toxicity (repeated exposure):

Not Applicable.

Aspiration Hazard:

Not Applicable.

SECTION 12. ECOLOGICAL INFORMATION

No additional information provided for this product. See Section 3 for chemical specific data.

Ecotoxicity:

Acute Hazards to the Aquatic Environment – Propylene Glycol (57-55-6)

Fish:	LC ₅₀ , Oncorhynchus mykiss, 96 h: 40,613.00 mg/L
Aquatic Invertebrates:	EC ₅₀ , Ceriodaphnia dubia (crustacea), 48 h: 18,340.00 mg/L
Toxicity to Aquatic Plants:	ErC ₅₀ , Pseudokirchneriella subcapitata (algae), 96 h: 19,000.00 mg/L

Persistence and Degradability:

Bioaccumulative Potential:	Bioconcentration potential is not expected. There is no data available on the preparation itself.
Mobility in Soil:	No data available.
Results of PBT and vPvB Assessment:	This product contains no PBT/vPvB chemicals.
Other Adverse Effects:	No data available.

SECTION 13. DISPOSAL CONSIDERATION

Waste Treatment Methods: Observe all federal, state and local regulations when disposing of this substance.

SECTION 14. TRANSPORT INFORMATION

Canadian Transportation of Dangerous Goods Act:	Not regulated.
US DOT:	<i>Proper Shipping Name:</i> Not Regulated. <i>UN Number:</i> Not Applicable. <i>Class:</i> Not Applicable.
IMO/IMDG:	Not regulated. <i>Transport Hazard Class(es):</i> IMDG: Not Applicable. Sub Class: Not Applicable.
ICAO/IATA:	Not regulated. <i>Transport Hazard Class(es):</i> Air Class: Not Applicable.
Environmental Hazards:	<i>Marine Pollutant:</i> No
Special Precautions for User:	No further information.

SECTION 15. REGULATORY INFORMATION

<u>Regulatory Overview:</u>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA):	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification:	D2B
US EPA Tier II Hazards:	<i>Fire:</i> No <i>Sudden Release of Pressure:</i> No <i>Reactive:</i> No <i>Immediate (Acute):</i> Yes <i>Delayed (Chronic):</i> No

SECTION 15. REGULATORY INFORMATION

EPCRA 311/312 Chemicals and RQS:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 302 Extremely Hazardous:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 313 Toxic Chemicals:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 – Carcinogens (>0.0%):	Diethanolamine
Proposition 65 – Developmental Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 – Female Repro Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 – Male Repro Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
New Jersey RTK Substances (>1%):	Propylene Glycol; Triethanolamine.
Pennsylvania RTK Substances (>1%):	Propylene Glycol; Triethanolamine.

SECTION 16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in Section 3 is:

- H302 Harmful if swallowed.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.

Acronyms:

ACGIH	American Conference of Governmental Industrial Hygienists
IARC	International Agency for Research on Cancer
LEL	Lower Explosive Limit
mg/m ³	Milligrams per Cubic Meter
N/A	Not Applicable
NTP	National Toxicology Program
°C	Degree Celsius
°F	Degree Fahrenheit
OSHA	Occupational Safety and Health Administration
PEL	OSHA Permissible Exposure Limit
ppm	Parts Per Million
STEL	Short Term Exposure Limit
TLV	ACGIH Threshold Limit Value



TWA	Time Weighted Average
UEL	Upper Explosive Limit
UN	United Nations

Issue Date: Unknown
Revision Date: 07-20-2021
Version #: Unknown
Further Information: No data available.

END OF DOCUMENT