



## SAFETY DATA SHEET

### SECTION 1

### PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** H-1 Special Universal Lubricant (ISO 46, 68, 220)

**PRODUCT IDENTIFIER CODE(S):** 106693, 106694, 106697

**PRODUCT RECOMMENDED/INTENDED USE:** Lubricant

**MANUFACTURER/SUPPLIER:** Texas Refinery Corp.

**ADDRESS:** 500 Airport Drive, Mansfield, TX 76063

**GENERAL INFORMATION:** 817-332-1161

**24 HR. EMERGENCY PHONE NUMBER:** CHEMTREC 1-800-424-9300

### SECTION 2

### HAZARDS IDENTIFICATION

#### GHS Classification(s):

Health	Physical	Environmental
No known health hazards	No known physical hazards.	Acute Aquatic Toxicity- Category 3 Chronic Aquatic Toxicity- Category 4

#### GHS Label:

<b>Pictogram(s):</b> None	
<b>Signal Word:</b> <b>Warning!</b> <b>Hazard Statements:</b> Harmful to aquatic life. May cause long-lasting harmful effects to aquatic life.	<b>Precautionary Statements:</b> Keep out of reach of children. Read label before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources- No smoking. Do not spray on an open flame or other ignition source. Protect from moisture. Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Store in a closed container. Avoid release to the environment. Dispose of contents/container in accordance with all local, regional, national and international regulations. <b>Response: FIRST AID:</b> If medical advice is needed have product container or label at hand. <b>IF IN EYES:</b> Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention. <b>IF ON SKIN:</b> Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately. <b>IF SWALLOWED:</b> Do NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person. <b>IF INHALED:</b> Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

### SECTION 3

### COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical Designation

None

#### % of Comp.

None

#### Cas No.

None

### SECTION 4

### FIRST AID MEASURES

**EYES:** Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

**SKIN:** Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

**INGESTION:** Do NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

## SECTION 5

## FIRE FIGHTING MEASURES

**FIRE HAZARD:** No

**FLASH POINT (°F/C):** >199.4/93.0

**FLAMMABLE LIMITS:** **Lower:** Not determined      **Upper:** Not determined

**SUITABLE EXTINGUISHING MEDIA:** Water mist, foam, dry powder, carbon dioxide (CO<sub>2</sub>)

**SPECIAL PROTECTIVE EQUIPMENT AND FIREFIGHTING MEASURES:** Not determined

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not determined

## SECTION 6

## ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

**SPILLS/LEAKS:** Isolate the spill/leak area in all directions for about 50 meters (150 ft.) for liquids and about 25 meters (75 ft.) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks/flames in close vicinity). Keep unauthorized persons away and ventilate closed space before entering.

## SECTION 7

## HANDLING AND STORAGE

**HANDLING:** Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes, skin, and clothing.

**STORAGE:** Store in a sealed container in a cool, dry environment.

## SECTION 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE LIMITS:

**OSHA Permissible Exposure Limits (PELs):** 5 mg/m<sup>3</sup>

**Threshold Limit Values (TLVs):** 10 mg/m<sup>3</sup>

**ENGINEERING CONTROLS:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required.

### PERSONAL PROTECTIVE EQUIPMENT:

**Face:** The use of face protection is not normally required. However, good industrial hygiene practices suggest the use of eye protection that meets or exceeds ANSI Z87.1 whenever working with chemicals.

**Eyes:** Safety glasses with side shields or safety goggles

**Skin:** The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Suggested protective materials: nitrile.

**Respiratory:** Where there is potential for airborne exposure above the exposure limit a NIOSH certified air-purifying respirator equipped with R or P95 filters may be used. A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant the use of a respirator.

**Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety or engineering professionals.**

## SECTION 9

## PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Colorless to pale yellow Liquid

**ODOR:** Petroleum

**ODOR THRESHOLD:** Not determined

**pH:** Not determined

**MELTING POINT/FREEZING POINT (°F/C):** Not determined  
**POUR POINT:** ISO 46, 68: -12.0°C (10.4°)      ISO 220: -10.0°C (14.0°)  
**BOILING RANGE:** N/A  
**FLASH POINT (°F/C):** > 199.4/93.0 (ASTM D92)  
**EVAPORATION RATE (Butyl Acetate =1):** Not determined  
**FLAMMABILITY:** None  
**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:** Not determined  
**VAPOR PRESSURE (mm Hg):** Not determined  
**VAPOR DENSITY (Air=1):** Not determined  
**VAPOR TEMPERATURE (°F/C):** Not determined  
**SOLUBILITY (ies) in water:** Not water soluble  
**RELATIVE DENSITY/SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.8700-0.8800  
**PARTITION COEFFICIENT:** Not determined  
**AUTO-IGNITION TEMPERATURE:** Not determined  
**DECOMPOSITION TEMPERATURE:** Not determined  
**VISCOOSITY (cSt):** ISO 46: 46.00 @ 40°C      ISO 68: 68.00 @ 40°C      ISO 220: 220.00 @ 40°C  
**VOC CONTENT:** N/A  
**VOC Less Water & Exempts:** N/A

## SECTION 10

## STABILITY AND REACTIVITY

**CHEMICAL REACTIVITY:** Not determined  
**CHEMICAL STABILITY:** Stable under normal ambient temperatures and conditions  
**CONDITIONS TO AVOID:** Extreme temperatures and direct sunlight/heat/flame  
**IMCOMPATIBILITIES:** Strong oxidizing agents  
**HAZARDOUS DECOMPOSITION:** Not expected

## SECTION 11

## TOXICOLOGICAL INFORMATION

### INHALATION

**Description of effects from short and long-term exposure:** Not known  
**Description of symptoms:** Not known  
**Measure of toxicity:** Not known

### INGESTION

**Description of effects from short and long-term exposure:** Not known  
**Description of symptoms:** May cause nausea and vomiting.  
**Measure of toxicity:** Not known

### EYES

**Description of effects from short and long-term exposure:** Not known  
**Description of symptoms:** Contact may cause eye irritation.  
**Measure of toxicity:** Not known

### SKIN

**Description of effects from short and long-term exposure:** Not known  
**Description of symptoms:** Prolonged or repeated skin contact may cause irritation.  
**Measure of toxicity:** Not known

### CARCINOGENS LISTING

**NTP:** No  
**IARC:** No  
**OSHA:** No  
**GHS:** No

### CHRONIC TOXICITY:

No data available

## SECTION 12

## ECOLOGICAL INFORMATION

**AQUATIC TOXICITY:** No data available

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**Biodegradability:** No data available  
**Bioaccumulation:** No data available

#### SECTION 13

#### DISPOSAL CONSIDERATIONS

Treatment, storage, transportation, and disposal must be in accordance with all applicable local, state/provincial, federal and international regulations. Regulations may vary by location.

#### SECTION 14

#### TRANSPORT INFORMATION

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING DESCRIPTION:** Not regulated.  
**INTERNATIONAL MARITIME ORGANIZATION (IMDG) SHIPPING DESCRIPTION:** Not regulated.

#### SECTION 15

#### REGULATORY INFORMATION

**OSHA Regulated Hazard:** No

**DOT Regulated:** No

**EC Classification:** Not applicable

**TSCA Status:** In compliance with TSCA inventory requirements for commercial purposes.

**SARA 312 Regulated Chemical(s):** No

**SARA 313 Regulated Chemical(s):** No

**EPA Registration Number:** Not applicable

**California Prop. 65:** None

**PA Right-to-know Chemical(s):** None known

**NJ Right-to-know Chemical(s):** None known

**Additional State Regulations:** None known

**Canada:** Not applicable

#### SECTION 16

#### OTHER INFORMATION

**REVISION INDICATOR:** Triennial SDS review

**DATE OF REVISION:** 07/14/2023

**SUPERSEDES:** 09/10/2020

**NFPA RATINGS: HEALTH: 0**

**FLAMMABILITY: 1**

**REACTIVITY: 0**

**HMIS RATINGS: HEALTH: 0**    **FLAMMABILITY: 1**    **REACTIVITY: 0**    **PERSONAL PROTECTION: B**

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