



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:

| | |
|---|---|
| Pictogram(s): None | |
| Signal Word: Warning! Hazard Statements: Harmful to aquatic life. May cause long-lasting harmful effects to aquatic life. | Precautionary Statements: 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. Response: FIRST AID: If medical advice is needed have product container or label at hand. IF IN EYES: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention. IF ON SKIN: Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately. IF SWALLOWED: Do NOT induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person. IF INHALED: 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 | % of Comp. | Cas No. |
|----------------------|------------|---------|
| None | None | 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 (CO₂)

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/m³

Threshold Limit Values (TLVs): 10 mg/m³

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 (H₂O=1): 0.8700-0.8800
PARTITION COEFFICIENT: Not determined
AUTO-IGNITION TEMPERATURE: Not determined
DECOMPOSITION TEMPERATURE: Not determined
VISCOSITY (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

SECTION 12

ECOLOGICAL INFORMATION

AQUATIC TOXICITY: No data available

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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