



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**  
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**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
**1-800-424-9300**

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WHITE GREASE H1 CLASSIFIED  
**PART NUMBER:** 74104  
**PRODUCT TYPE:** LUBRICANT

**DATE PREPARED:** SEPTEMBER 25, 2008

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## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME      | CAS NUMBER | OSHA     |         | ACSIH TLV |
|--------------------|------------|----------|---------|-----------|
|                    |            | PEL      | STEL    |           |
| METHYLENE CHLORIDE | 75-09-2    | 25 ppm   | 125 ppm | 25 ppm    |
| PROPANE            | 74-98-6    | 1000 ppm |         | 1000 ppm  |
| ISOBUTANE          | 75-28-5    | Not Est. |         | 800 ppm   |

## SECTION 3 – HAZARDOUS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

#### SYMPTOMS OF OVEREXPOSURE

**Eyes:** May cause irritation, redness, corneal injury, tearing, and burning.  
**Skin:** May cause drying or flaking, irritation, burning sensation.  
**Ingestion:** May cause gastrointestinal disturbances, nausea, vomiting, and diarrhea.  
**Inhalation:** Overexposure may cause nausea, dizziness, headache and upper respiratory discomfort.

#### CARCINOGENIC STATUS OF INGREDIENTS: METHYLENE CHLORIDE

**International Association for Research on Cancer (IARC):** Potential Carcinogen  
**National Toxicology Program (NTP):** Carcinogen  
**American Conference of Governmental Industrial Hygienists (ACGIH):** Suspected Carcinogen  
**Occupational Safety and Health Administration (OSHA):** Carcinogen  
**CALIFORNIA PROPOSITION 65:** SEE SECTION 15

**MEDICAL CONDITION AGGRAVATED BY EXPOSURE:** Skin Sensitivity, Chemical Allergies.

**PRIMARY ROUTES OF ENTRY:** INGESTION, INHALATION, SKIN CONTACT, EYE CONTACT

## SECTION 4 – FIRST AID MEASURES

**Eyes:** Flush with water for 15 minutes. If irritation persists, seek medical attention.  
**Skin:** Wash with soap and water. If irritation persists, seek medical attention.  
**Ingestion:** *DO NOT INDUCE VOMITING* in order to avoid aspiration into lungs. Seek medical attention immediately.  
**Inhalation:** Remove to fresh air. Administer oxygen if breathing is difficult.  
**NOTE TO PHYSICIANS:** If lavage is performed, suggest endotracheal and/or esophageal control. Do not administer sympathomimetic drugs unless absolutely necessary.

## SECTION 5 – FIRE FIGHTING MEASURES

**FLASH POINT (TCC):** N/E  
**FLAME PROJECTION:** N/E  
**EXPLOSIVE LIMITS:** N/E  
**AUTOIGNITION TEMPERATURE:** N/E  
**HAZARDOUS PRODUCTS OF COMBUSTION:** May form carbon monoxide, phosgene, hydrogen chloride, and chlorine.  
**FIRE AND EXPLOSION HAZARDS:** Exposure to temperature above 120°F may cause bursting.  
**EXTINGUISHING MEDIA:** Carbon Dioxide, Standard Foam, Dry Chemical, and Halon  
**FIRE-FIGHTING INSTRUCTIONS:** Wear self-contained breathing apparatus.

**NFPA RATING:** HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0  
**HMS RATING:** HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

N/A — NOT APPLICABLE  
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**SMALL SPILLS:** Absorb liquid on vermiculite, floor absorbent, or other absorbent material.

**LARGE SPILLS:** Evacuate area. Remove all sources of ignition, contain liquid. Prevent run-off to sewer.

**SECTION 7 – HANDLING AND STORAGE**

Do not store where temperatures exceed 120°F.

*KEEP OUT OF REACH OF CHILDREN.*

Wash hands before eating or smoking after using aerosol.

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 30 B STORAGE LEVEL NUMBER:** 1

**SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Eye Protection:** Safety goggles. For short usage none required.

**Skin Protection:** Rubber gloves. For short usage none required.

**Respiratory Protection:** Not required.

**Engineering Controls:** Not required.

**Exposure Guidelines:** General ventilation recommended to control the level of vapors. See section 2 for TLV's.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT (°C):** N/E

**VAPOR PRESSURE (PSIG @ 25°C):** 50 psig

**EVAPORATION RATE (BUTYL ACETATE = 1):** <1

**SOLUBILITY IN WATER:** Insoluble

**ODOR:** Sweet Ethereal Odor

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1 @ 25°C):** 1.21

**VAPOR DENSITY (AIR = 1):** >1

**pH (@ 25°C):** N/A

**APPEARANCE:** White Grease

**SECTION 10 – STABILITY AND REACTIVITY**

**HAZARDOUS POLYMERIZATION:** Product will not undergo hazardous polymerization.

**HAZARDOUS DECOMPOSITION:** Will not decompose.

**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY:** Avoid contact with strong oxidizing agent.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Not determined for the product by any route of entry.

**SECTION 12 – ECOLOGICAL INFORMATION**

No Data.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**WASTE MANAGEMENT INFORMATION:** Dispose of in accordance with all applicable local, state, and federal regulations. Wrap empty container in paper and place in trash.

**SECTION 14 – TRANSPORT INFORMATION**

**DEPARTMENT OF TRANSPORTATION (DOT) INFORMATION -49 CODE OF FEDERAL REGULATION (CFR) 172.101**

**DOT Description:** Consumer Commodity

**DOT Hazard Class:** Other Regulated Material (ORM)-D

**Container/Mode:** 20 oz. Aerosol Can

**UNITED NATIONS IDENTIFICATION (UN ID) NUMBER:** 1950

**SECTION 15 – REGULATORY INFORMATION**

**US FEDERAL REGULATIONS:**

**VOCS (VOLATILE ORGANIC COMPOUNDS):** 20%

**TSCA (TOXIC SUBSTANCES CONTROL ACT) STATUS:** All ingredients are listed that require listing.

**CERCLA RQ (Comprehensive Environmental Response, Compensation, and Liability Act):** (Reportable Quantity) 40 CFR (Code of Federal Regulations) 302.4  
Not applicable to aerosol quantities.

**SARA (SUPERFUND AMENDMENTS & REAUTHORIZATION ACT) 313 INGREDIENT (S) – 40 CFR 372.65**

| INGREDIENTS        | PERCENT |
|--------------------|---------|
| METHYLENE CHLORIDE | 60-75%  |

**STATE AND LOCAL REGULATIONS:**

**CALIFORNIA PROPOSITION 65:** The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986.

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

**SECTION 16 – OTHER INFORMATION**

The information contained herein is based on the data available to use and is believed to be correct. However, Chromate Industrial Corp. makes no warranty, expressed, or implied, regarding the accuracy of this data or the results to be obtained from the use thereof. Chromate Industrial Corp. assumes no responsibility for injury from the use of the product described herein.

Ingredients are listed in Section 2 if they present a physical or health hazard and are present at or above 1.0% in the mixture. If an ingredient is identified as a CARCINOGEN by NTP, IARC, or OSHA as of the date on the MSDS, it will be listed in Section 3 when present at or above 0.1% in the product. Negative conclusions concerning carcinogenicity are not reported. Other ingredients may be listed if deemed appropriate. *Additional health information may be found in Section 3.*