

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** SO98C  
**Product Name:** GREASEATERS  
**Trade Name:** Parts Washing Fluid  
**Company Name:** K-Chem, Inc.  
P.O. 530632  
Birmingham, AL 35222

**Emergency Contact:** Chem-tel (800)255-3924  
**Information:** K-Chem, Inc. (205)592-0844

## 2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** H319 - Causes serious eye irritation.

**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P305+351+338 - IF IN EYES: Rinse cautiously 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.

**GHS Storage and Disposal Phrases:** No phrases apply.

**Potential Health Effects (Acute and Chronic):** Chronic: May cause kidney injury. Repeated exposure may cause central nervous system damage. May cause cyanosis (bluish discoloration of skin due to deficient oxygenation of the blood), acidosis, and quick, shallow breathing.

**Inhalation:** May cause respiratory tract irritation.

**Skin Contact:** Causes skin irritation. May be absorbed through the skin.

**Eye Contact:** Causes eye irritation. May cause transient corneal injury.

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
64741-85-1	Raffinates (petroleum), sorption process	>=85.0 %
NA	( Trade Secret )	<=15.0 %

## 4. FIRST AID MEASURES

### Emergency and First Aid

#### Procedures:

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. Get medical aid.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**In Case of Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Note to Physician:** Administration of Sodium bicarbonate may be of value to treat acidosis. Monitor kidney and liver function and arterial blood gases closely.

## 5. FIRE FIGHTING MEASURES

**Flash Pt:**  $\geq 150.00$  F

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** 227.70 C

**Suitable Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Cool containers with flooding quantities of water until well after fire is out.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Containers may explode when heated. Combustible liquid and vapor.

**Flammable Properties and Hazards:** No data available.

## 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Use with adequate ventilation. Use spark-proof tools and explosion proof equipment.

Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

**Precautions To Be Taken in Storing:** Keep away from heat and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64741-85-1	Raffinates (petroleum), sorption process	No data.	No data.	No data.
NA	( Trade Secret )	No data.	No data.	No data.

**Respiratory Equipment** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European (Specify Type): Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure. **Other**

**Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Use adequate ventilation to keep airborne concentrations low.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Appearance and Odor:** Clear.  
sweetish odor.  
**Melting Point:** -68.00 C  
**Boiling Point:** 231.00 C  
**Autoignition Pt:** 227.70 C  
**Flash Pt:** >= 150.00 F  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** 0.9965  
**Density:** <=0.812 g/cm3  
**Vapor Pressure (vs. Air or mm Hg):** >=.23psi  
**Vapor Density (vs. Air = 1):** >=5.7  
**Evaporation Rate:** NE  
**Solubility in Water:** ~ none  
**Saturated Vapor Concentration:** NE  
**Viscosity:** >=1.6 cSt  
**pH:** NE  
**Percent Volatile:** No data.

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** ignition sources, Excess heat.  
**Incompatibility - Materials To Avoid:** Strong oxidizing agents.  
**Hazardous Decomposition Or Byproducts:** Carbon monoxide.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No information found.  
Teratogenicity: No information available. Reproductive Effects: Mutagenicity:  
Neurotoxicity:

**Carcinogenicity/Other Information:** CAS# 112-34-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## 12. ECOLOGICAL INFORMATION

**General Ecological Information:** Environmental: In soil and water, this chemical is highly mobile and undergoes aerobic biodegradation.  
Physical: According to a model of gas/particle partitioning of semivolatile organic compounds in the atmosphere, diethylene glycol mono-n-butyl ether, which has a measured vapor pressure of 0.06 mm Hg at 25 deg C, will exist solely as a vapor in the ambient atmosphere. Vapor-phase diethylene glycol mono-n-butyl ether is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals; the half-life for this reaction in air is estimated to be about 10 hours. Alcohols and ethers do not absorb UV light in the environment.  
Other: Diethylene glycol mono-n-butyl ether is not expected to volatilize from water surfaces based on an estimated Henry's Law constant of  $1.3 \times 10^{-8}$  atm-cu m/mole, calculated from experimental values for vapor pressure and water solubility.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
RCRA P-Series: None listed.  
RCRA U-Series: None listed.

## 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**  
**DOT Proper Shipping Name:** Not regulated as a hazardous material.  
**DOT Hazard Class:**  
**UN/NA Number:**

## 15. REGULATORY INFORMATION

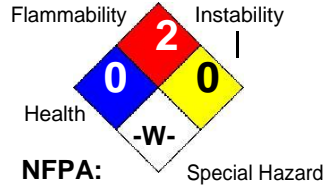
16. OTHER INFORMATION

Revision Date: 06/04/2015

Hazard Rating System:

HEALTH		2
FLAMMABILITY		1
PHYSICAL		0
PPE		B

HMIS:



Additional Information About No data available.

This Product:

