

4/25/08

MATERIAL SAFETY DATA SHEET
In Compliance with
Federal Regulations: CFR 29 and 42
State: Illinois Public Act 83-240

Oil Eater® Orange Degreaser
Effective: January 2006

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Manufacturer Name: Kafko International. Ltd.
Address: 3555 W Howard St. Skokie, IL. 60076-4012
Phone: (847) 763-0333
Fax: (847) 763-0334
Emergency Contact: Chemtrec (800) 424-9300
Chemical Name: N/A Mixture
Common Name: Citrus Degreaser
Hazard Classification: Non- Hazardous
NFPA Rating: Health 0 Flammability 1 Reactivity 0

SECTION 2 - HAZARDOUS INGREDIENTS

| | <u>CAS #</u> | <u>PEL</u> | <u>TLV</u> | <u>% WT</u> |
|----------------------|--------------|--------------|------------|-------------|
| Citrus Turpenes | 5989-27-5 | NE | NE | 1 - 3 |
| Nonionic Surfactants | 9016459 | NE | NE | 3-10 |
| 2 Butoxyethanol | 111762 | 25 ppm SKIN | | 4 - 6 |
| Sodium metasilicate | 6834-92-0 | 2 MG/M3 8 HR | | 2 - 6 |
| | TWA AS NAOH | | | |

SECTION 3 - HEALTH HAZARD DATA

Emergency Overview: Oil Eater® Orange Degreaser is Non-Corrosive, Non-Toxic, and does not pose any known acute or chronic physical hazards.

Carcinogenic: NTP or OSHA does **not** consider this product a carcinogen

Effects of Overexposure:

Skin: **Non-Corrosive.** No effect under normal use. Product may cause irritation or rash to those with hypersensitivity. Prolonged contact may result in dryness and ulceration.

Eyes: Can cause eye irritation.

Ingestion: **Non-Toxic** per Consumer Product Safety Commission and FHSA standards. Acute oral LD50 greater than 5 g/kg.

Inhalation: **No effect** under normal use. Excessive inhalation may cause irritation of the respiratory passages

SECTION 4 – FIRST AID MEASURES

Skin Contact: Remove contaminated clothing. Rinse skin with warm water for 15 minutes. If irritation occurs seek medical attention.

Eye Contact: Flush with water for 15 minutes. If irritation persists seek medical attention.

Ingestion: Drink large quantities of water. Call physician immediately.

Inhalation: Remove to fresh air immediately. If irritation persists, contact physician

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability of the product: Non Flammable

Flash Point: None to Boiling

Extinguishing Media: Dry Chemical, Water Fog, Co2, Sand

Fire Fighting Procedures: Wear Self Contained Breathing Apparatus

Products of combustion: Carbon oxides

Fire Hazards in the presence of other chemicals: No specific information is available

Unusual Fire Hazards: None Expected

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spill:
Absorb with industrial absorbent. Dispose of in accordance with local, state & federal regulations. Rinse residue to avoid slippery conditions.

Large Spill:
Non-flammable material. Wear chemical resistant gloves, boots and goggles. Stop the source of the spill. Collect the spill using mechanical means. Waste disposal method: Fully water-soluble. Follow all local, state and federal regulations.

SECTION 7 – HANDLING & STORAGE

Precautions: Store containers upright in cool dry place

Storage: Store product in original containers. Do not store in metal vessels

Other precautions: Keep out of reach of children

SECTION 8 – EXPOSURE CONTRIOLS & PERSONAL PROTECTION

Engineering Controls: No control measures are required under normal conditions. If large quantities are involved use NIOSH or MSHA approved respirator Limited personal exposures exist with this product. As always keep airborne vapors below TLV limits. Ensure that proper work-station safety mechanisms are operative and tested including showers and eyewash stations.

Personal Protection: Safety glasses are recommended, chemical resistant gloves aprons and suits are optional for those with dermatological sensitivity.

SECTION 9 - PHYSICAL DATA

| | | | |
|----------------------|--------------------------|-----------------------|------|
| Boiling Point: | 200 ⁰ F | Specific Gravity: | 1.05 |
| Vapor Pressure: | N/E | Evaporation Rate: | N/E |
| Vapor Density: | N/E | % Volatile By Volume: | 5 |
| Solubility In Water: | Miscable | Ph | 12.5 |
| Appearance And Odor: | Translucent ;Citrus Odor | | |

SECTION 10 - REACTIVITY DATA

| | |
|---------------------------|-------------------------|
| Conditions To Avoid: | Extreme Heat |
| Stability: | Stable |
| Incompatibility: | Acids, Strong Oxidizers |
| Hazardous Polymerization: | Will Not Occur |
| Corrosivity: | Non-corrosive |

SECTION 11 - TOXICOLOGICAL DATA

Routes of Entry: Eyes, skin, ingestion.

Toxicity to animals: **Non-Toxic** per Consumer Product Safety Commission and FHSA standards. Acute oral LD50 greater than 5 g/kg

Chronic Effect on Humans: None known

Special Remarks: None

SECTION 12 - Ecological Data

Ecotoxicity: Non-toxic to Aquatic Organisms
Fathead Minnow (*Pimephales promelas*) LC₅₀ > 200mg/L
at 96 hours

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with local, state & federal regulations.
Rinse residue to avoid slippery conditions.

SECTION 14 – TRANSPORT INFORMATION

DOT CLASSIFICATION: Not Applicable - Non-regulated; Non-hazardous

SECTION 15 – REGULATORY INFORMATION

All components used in this compound appear on the TSCA Inventory
Federal/National:

2 Butoxyethanol

This chemical is subject to S.A.R.A. Title III section 313 part 372 reporting. The hazard communication standard requires that mixtures such as this product be assumed to present the same health hazards, as do the components that constitute at least 1% of the mixture. OSHA has, however, noted that the health hazards of the individual components may be reduced or altered by including them in a mixture.

HMIS (USA)

HEALTH 1 FIRE 0 REACTIVITY 1 PERSONAL PROTECTION 0

SECTION 16 – OTHER INFORMATION

For further questions regarding the safe use of this product consult our web page
www.oileater.com

The Information Herein Is Based On Data Considered To Be Accurate As Of The Date Of The Presentation Of This Safety Data Sheet. No Warranty Or Representation, Expressed Or Implied, Is Made As To The Accuracy Or Completeness Of The Foregoing Data And Safety Information. The User Assumes All Liability For Any Damage Or Injury Resulting From Abnormal Uses, For Any Failure To Adhere To Recommended Practices, Or For Any Hazards Inherent In The Nature Of The Product.

HAZARD RATING SCALE:

NA - NOT APPLICABLE

NE - NOT ESTABLISHED

0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = SEVERE