

**SAFETY DATA SHEET****Oil Eater® ORANGE Zero VOC
Cleaner/Degreaser**


In compliance with International Regulations: GHS -SDS Effective Date: 5-2-16
 Federal regulations: CFR 29 and 42 State: Illinois Public Act 83-240
 Applicable Items: AOD0411901, AOD3211902, AOD3211912, AOD6411907, AOD5G11904,
 AOD5511906, AOD27511907

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

GHS Product Identifier: Oil Eater® ORANGE Degreaser/Cleaner
 Other Identification means: Aqueous Surfactant Solution
 Uses: General Purpose Cleaning
 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

SECTION 2 - HAZARDS IDENTIFICATION**GHS Classification:**

Health	Environmental	Physical
Acute Toxicity – Not considered an oral, dermal, or inhalation toxin	Non-toxic to Aquatic Organisms	Non Flammable
Eye Corrosion - Eye Irritant Category 2B		
Skin Corrosion – Skin Irritant Category 2		
Skin Sensitization – Not considered a skin sensitizer		
Mutagenicity – Not considered a mutagenic compound		
Carcinogenicity – Not considered a carcinogen		
Target Organ Toxicity – Single Exposure: Not considered a TOS toxin - Repeated Exposure: Not considered a TOS toxin		

Labelling:  WARNING: Causes Eye Irritation – Causes Skin Irritation

Precautionary Statement: Wash skin / eyes thoroughly after handling. Wear protective gloves. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention/advice. Take off contaminated clothing and wash before reuse.

SECTION 3 - INGREDIENTS

<u>MATERIAL</u>	<u>CAS #</u>	<u>% by WT.</u>
Sodium metasilicate - pentahydrate	6834-92-0	< 5%
Dipropylene Glycol n-Butyl Ether	29911-28-2	< 5 %
Linear Alcohol Ethoxylate	68439-46-3	< 5 %

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 FIGHTING MEASURES

Flammability of the product: Non Flammable
 Flash Point: None
 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 Equipment: Safety glasses are recommended, chemical resistant gloves aprons and suits are optional for those with dermatological sensitivity.

SECTION 9 - PHYSICAL DATA

Boiling point: 200° F
 Voc content: Less Than 0.5% by weight per CARB methods
 Vapor pressure: 4.0 mm Hg @ 77 F (ASTM D-2879)
 Solubility in water: COMPLETE
 Appearance and odor: ORANGE Solution With A Characteristic Odor
 Specific gravity: 1.038 (ASTM 112H @ 20° C)
 pH: 12.4

SECTION 10 – STABILITY & 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

Signs and Symptoms of Overexposure: Redness of eyes or skin due to contact with product, unusual headache.
 Acute Effects: Eye Contact: may cause redness & irritation Skin Contact: may cause redness & irritation

Acute Toxicity Values	Results	Basis
Oral Toxicity (Rats)	Greater than 5000mg/kg	FHSA/CPSC
Dermal Toxicity (Rabbits)	Greater than 2000mg/kg	OECD 402
Inhalation Toxicity, Vapor (Rats)	ATE Value > 20 mg/L	Additivity
Eye Irritation (Rabbits)	Eye Irritant Category 2B	FHSA/CPSC
Dermal Irritation (Rabbits)	Mild Skin Irritant	OECD 404

This product is not considered a carcinogen by OSHA, NTP, or IARC.

SECTION 12 - Ecological Information

Persistence and degradability: This product is expected to be inherently biodegradable.
 Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.
 Mobility: Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

Test	Results	Comments
Acute Toxicity	Non-toxic to Aquatic Organisms Fathead Minnow (Pimephales promelas) LC50 > 200mg/L at 96 hours	Product Test Data

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

Not regulated

SECTION 15 – REGULATORY INFORMATION

All components used in this compound appear on the TSCA Inventory

SECTION 16 – OTHER INFORMATION

Performance Certifications:
 Aircraft: Passed Boeing D6-17487 Rev P Exterior and General Cleaners and Liquid Waxes, Polishes and Polishing Compounds when diluted with 5 parts water.
Food Facility Categories: Per federal guidelines as detailed in FDA 21 CFR:
 (A1) General Purpose Cleaners (A4) Floor & Wall Degreasers (A8) Degreasers/Carbon Removers

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.