

JELMAR
MATERIAL SAFETY DATA SHEET
CLR GREASE MAGNET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Manufactured For: Jelmar LLC
Address: 5550 W. Touhy Ave.
 Skokie, IL 60077

Emergency Phone Number: 1(800) 323-5497 (USA)
 Monday – Friday 8:30 A.M. – 4:30 P.M. CST
Emergency Contact: Chemtrec 1(800) 424-9300

Product Name: CLR Grease Magnet
MSDS ID: CH12142
Chemical Family: Aqueous alkaline surfactant cleaner
Formula: Proprietary Mixture
Manufactured By: Kafko International Limited
Address: 3555 Howard Street, Skokie, IL 60076
 Chemical Family: Aqueous Alkaline Surfactant Solution
 Formula: N/A – Mixture
 Hazard Classification: Non-Hazardous, Non-Corrosive, and Non-Toxic
 NFPA Rating: Health 1 Flammability 0 Reactivity 1

SECTION 2 - HAZARDS INGREDIENT

MATERIAL	CAS #	PEL/TLV	%/wt
Sodium metasilicate - pentahydrate HR	6834-92-0	2 MG/M3 8 TWA AS NAOH	1 – 4%
2 Butoxyethanol	111-76-2	25 ppm SKIN	1 – 4%
Linear Alcohol Ethoxylate	Proprietary	NE	1 - 4%
Water	7732-18-5		88 - 97%

SECTION 3 - HEALTH HAZARD DATA

Emergency Overview: CLR Grease Magnet 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

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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, call doctor.

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: 93.3°C (200°F)
 VOC content: 0.42 LBS/GAL
 Vapor pressure: 4.0 mm Hg @ 77°F (ASTM D-2879)
 Solubility in water: COMPLETE
 Appearance and odor: Clear Solution With A Characteristic Odor
 Specific gravity: 1.038 (ASTM 112H @ 20° C)

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Evaporation rate: 1.2 (water=1.0)
pH: 12.0 – 12.4

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**

Chemical Fate: This product is expected to be readily biodegradable per EPA
guidelines

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.

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HMIS (USA)

HEALTH 1 **FIRE 0** **REACTIVITY 1** **PERSONAL PROTECTION 0**

SECTION 16 – OTHER INFORMATION

September 2012

G. Kafkis

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