



## SAFETY DATA SHEET GREASE MAGNET

### CH12215 Zero VOC RTU Cleaner/Degreaser

In compliance with International Regulations: GHS -SDS  
Federal regulations: CFR 29 and 42  
State: Illinois Public Act 83-240

Effective Date: February 18, 2014

#### SECTION 1 – IDENTIFICATION

Common Name: Zero VOC RTU Degreaser/Cleaner  
Chemical Family: Aqueous Surfactant Solution  
Manufacturer Name: JELMAR LLC .  
Address: 5550 W. Touhy Ave – Suite 200, Skokie, IL 60077  
Phone: (847) 675-8400 Fax: (847) 763-0334  
Emergency Contact: Chemtrec (800) 424-9300  
Hazard Classification: **Non-Hazardous, Non-Corrosive, And Non-Toxic**

#### SECTION 2 - HAZARD IDENTIFICATION

Emergency Overview: Zero VOC Cleaner Degreaser is Non-Corrosive and does not pose any known acute or chronic physical hazards.

Carcinogenic: This product is not considered 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. Category 2B

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 passage

NFPA Rating: Health 1 Flammability 0 Reactivity 1

Labeling: EYE IRRITANT – Avoid contact with eyes. If contact occurs flush with water.  
If irritation persists, seek medical care.



#### SECTION 3 - INGREDIENTS

<u>MATERIAL</u>	<u>CAS #</u>	<u>% by WT.</u>
Sodium metasilicate - pentahydrate	6834-92-0	< 5%
Alcohols C9 – 11, Ethoxylated	68439-46-3	< 10 %

#### 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 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: 200o F  
Voc content: 0.38 % wt.  
Solubility in water: COMPLETE  
Appearance and odor: Clear Solution With A Characteristic Odor  
Specific gravity: 1.03 – 1.04  
pH: 12.4 – 13.0

**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**

Not determined for this solution, however all components are considered low in toxicity.

Special Remarks: May cause eye irritation which is reversible

**SECTION 12 - Ecological Data**

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.

**Aquatic Toxicity:** Not determined for this solution, however all components are considered low in toxicity.

**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  
Federal/National Reportable Components: None  
HMIS (USA) **HEALTH 1** **FIRE 0** **REACTIVITY 1** **PERSONAL PROTECTION 0**

**Food Facility Categories:** Per federal guidelines as detailed in FDA 21 CFR:

- (A1) General Purpose Cleaners
- (A4) Floor & Wall Degreasers
- (A8) Degreasers/Carbon Removers

**SECTION 16 – OTHER INFORMATION**

Performance Certifications: Not Determined  
Revision Date: Feb. 18, 2014

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.