

ISSUE DATE: September 2013

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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME Premium Cleaner & Degreaser

OTHER MEANS OF IDENTIFICATION

Product Code E-011

Recommended Uses Grease Remover

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS EMULSO
2750 Kenmore Avenue
Tonawanda, NY 14150

EMERGENCY TELEPHONE NUMBER

COMPANY PHONE NUMBER (716) 854-2889
COMPANY FAX NUMBER (716) 854-2809
24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)
NORTH AMERICA 1-800-633-8253
INTERNATIONAL PERS 1-801-629-0667

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 1

SIGNAL WORD Danger

HAZARD STATEMENTS



HAZARD STATEMENTS 1. Causes skin irritation.
2. Causes serious eye damage.

APPEARANCE Liquid

PHYSICAL STATE Liquid

PRECAUTIONARY STATEMENTS

PREVENTION Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE Immediately call poison center or doctor/ physician.

IF SWALLOWED	Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician.
IF ON SKIN/HAIR	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse
IF INHALED	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
IF EXPOSED/CONCERNED	Get medical advice/ attention.
STORAGE	Store locked-up. Keep away from children.
DISPOSAL	Dispose of contents/container to an approved waste disposal plant.
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)	N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Potassium hydroxide	1310-58-3	<2
Sodium metasilicate pentahydrate	10213-79-3	<2
Tetrapotassium pyrophosphate	7320-34-5	<2

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE	Provide this SDS to medical personnel for treatment.
EYE CONTACT	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
SKIN CONTACT	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
INHALATION	Remove person to fresh air.
INGESTION	Clean mouth with water and drink afterwards plenty of water.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED**MAIN SYMPTOMS** Not determined.**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY****NOTES TO PHYSICIAN** Treat symptomatically.**5. FIRE-FIGHTING MEASURES****SUITABLE EXTINGUISHING MEDIA** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.**UNSUITABLE EXTINGUISHING MEDIA** None known.**SPECIFIC HAZARDS ARISING FROM CHEMICAL** Not determined.**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/ NIOSH (approved and equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES****PERSONAL PRECAUTIONS** Use personal protective equipment as required.
ENVIRONMENTAL PRECAUTIONS See Section 12 for additional Ecological Information.**METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP****CONTAMINATION** Prevent further leakage or spillage is safe to do so.
CLEAN-UP Keep in suitable, closed containers for disposal.**7. HANDLING AND STORAGE****PRECAUTIONS FOR SAFE HANDLING****PROTECTIVE MEASURES** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.**CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)****STORAGE CONDITIONS** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.**INCOMPATIBLE MATERIALS** None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Potassium hydroxide 1310-58-3	Ceiling: 2 mg/m ³	(vacated) Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³
Sodium metasilicate pentahydrate 10213-79-3	-	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)	-

ENGINEERING CONTROLS Apply technical measures to comply with the occupational exposure limits.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Avoid contact with eyes.
SKIN/BODY PROTECTION	Wear suitable protective clothing.
RESPIRATORY PROTECTION	Ensure adequate ventilation, especially in confined areas.
GENERAL HYGIENE	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Clear Liquid
COLOR	Clear
ODOR	No odor
ODOR THRESHOLD	Not determined

PROPERTY VALUES

pH	Not determined
MELTING POINT/FREEZING POINT	Not determined
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	Not determined
EVAPORATION RATE	Not determined
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS IN AIR	Not determined
LOWER FLAMMABILITY LIMITS IN AIR	Not determined
VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	Not determined
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Not determined
PARTITION COEFFICIENT N-OCTANOL/ WATER	Not determined
AUTOIGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined
VISCOSITY	Not determined

10. STABILITY AND REACTIVITY

REACTIVITY	Not reactive under normal conditions.
CHEMICAL STABILITY	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing.
CONDITIONS TO AVOID	Keep out of reach of children.
INCOMPATIBLE MATERIALS	None known based on information supplied.
HAZARDOUS DECOMPOSITION PRODUCTS	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure.

EYE CONTACT	Causes severe eye damage.
SKIN CONTACT	Causes skin irritation.
INHALATION	Avoid breathing vapors or mists.
INGESTION	Do not ingest.

COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Potassium Hydroxide 1310-58-3	= 284 mg/kg (Rat)	-	-
Sodium Metasilicate Pentahydrate 10213-79-3	= 847 mg/Kg (rat)	-	-
Tetrapotassium pyrophosphate 7320-34-5	-	> 4640 mg/kg (Rabbit)	-

Information on Toxicological Effects

SYMPTOMS Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

CARCINOGENICITY Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity – Product Information

Not determined.

12. ECOLOGICAL INFORMATION

ECOTOXICITY Harmful to aquatic life with long lasting effects.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS		TOXIC TO MICROORGANISMS		CRUSTACEA
		FISH			
Potassium Hydroxide 1310-58-3		80: 96 h Gambusia affinis mg/L LC50 static			
Tetrapotassium Pyrophosphate 7320-34-5		100: 96 h Oncorhynchus mykiss mg/L LC50			100: 48 h water flea mg/L EC50

PERSISTENCE AND DEGRADABILITY Not determined
BIOACCUMULATION Not determined

Mobility

Chemical Name	Partition Coefficient
Potassium Hydroxide	0.65
1310-58-3	0.83

OTHER ADVERSE EFFECTS Not determined

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

WASTE DISPOSAL Disposal should be in accordance with applicable regional, national and local laws and regulations.
CONTAMINATED PACKAGING Disposal should be in accordance with applicable regional, national and local laws and regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

CHEMICAL NAME	CALIFORNIA HAZARDOUS WASTE STATUS
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Potassium Hydroxide	Toxic
1310-58-3	Corrosive

14. TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION
INTERNATIONAL INVENTORIES

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Potassium hydroxide	Present	X		Present		Present	X	Present	X	X
Sodium metasilicate Pentahydrate	Present	X		Present		Present	X	Present	X	X

LEGEND

TSCA United States Toxic Substances Control Act Section 8(B) Inventory .

DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances List.

EINECS/ELINCS European Inventory of Existing/Notified Chemical Substances.

ENCS Japan Existing and New Chemical Substances.

IECSC China Inventory of Existing Chemical Substances.

KECL Korean Existing and Evaluated Chemical Substances.

PICCS Philippines Inventory of Chemicals and Chemical Substances.

U.S. FEDERAL REGULATIONS
CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Potassium Hydroxide 1310-58-3	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CLEAN WATER ACT

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Potassium Hydroxide	1000 lb			X

U.S. STATE REGULATIONS
U.S. STATE RIGHT-TO-KNOW REGULATIONS

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals.

U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Potassium Hydroxide 1310-58-3	X	X	X

16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF SAFETY DATA SHEET