

ISSUE DATE: September 2013

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VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER

PRODUCT NAME CLEANS IT CLEANER

OTHER MEANS OF IDENTIFICATION

SDS Number E-011

Recommended Uses Grease Remover

SDS-SUPPLIER INFORMATION

SUPPLIER ADDRESS E-ZOIL Products, Inc.
DBA 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 800-535-5053
INTERNATIONAL 352-323-3500

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 CLEAR

PHYSICAL STATE LIQUID

PRECAUTIONARY STATEMENTS

| | |
|--|--|
| PREVENTION | Do not breathe dust/fume/gas/ mist/ vapors/ spray Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product 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 | Immediately remove all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse. |
| IF INHALED | Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a POISON CENTER or doctor/physician. |
| IF EXPOSED/CONCERNED | Get medical advice/ attention. |
| STORAGE | Store locked-up. |
| DISPOSAL | Dispose of contents/container to an approved waste disposal plant. |
| HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) | N/A |
| OTHER INFORMATION | 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 | Immediately call a POISON CENTER or doctor/physician. |
| 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. |



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|---------------------|--|
| SKIN CONTACT | Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. |
| INHALATION | Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician. |
| INGESTION | Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required. |

POTENTIAL ACUTE HEALTH EFFECTS

Most important symptoms and effects, both acute and delayed

SYMPTOMS Not determined.

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 CLEAN-UP Prevent further leakage or spillage is safe to do so
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. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

STORAGE CONDITIONS Keep containers tightly closed in a dry, cool and well-ventilated place.

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: 2mg/m ³ | Ceiling: 2mg/m ³ |
| Sodium metasilicate pentahydrate 10213-79-3 | | 15 mg/m ³ TWA (total dust); 5mg/m ³ TWA (respirable fraction) | |

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

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION Wear approved safety goggles.
SKIN/BODY PROTECTION Wear rubber or neoprene gloves.
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 |
| APPERANCE | Clear Liquid |
| COLOR | Clear |
| ODOR | Not determined |
| ODOR THRESHOLD | Not determined |
| 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 | Not determined |



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|---|----------------|
| LOWER FLAMMABILITY LIMITS | 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 |
| AUTO-IGNITION 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 severe skin burns. |
| INHALATION | Avoid breathing vapors or mists. |
| INGESTION | May be harmful if swallowed. |

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 | =874 mg/kg (Rat) | - | - |
| Tetrapotassium pyrophosphate 7320-34-5 | - | > 4640 mg/kg (Rabbit) | - |

| | |
|---------------------------------------|---|
| SYMPTOMS | Please see section 4 of this SDS for symptoms. |
| CARCINOGENICITY | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP. |
| NUMERICAL MEASURES OF TOXICITY | Not determined. |

12. ECOLOGICAL INFORMATION

ECOTOXICITY An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| CHEMICAL NAME | ALGAE/ AQUATIC PLANTS | FISH | TOXIC TO MICROORGANISMS | CRUSTACEA |
|--|-----------------------------|---|----------------------------|-----------------------------------|
| Potassium hydroxide 1310-58-3 | -- | 80:96h 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.

CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

| | |
|---------------------|-----------|
| 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 does not contain any 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 (CWA)

| CHEMICAL NAME | REPORTABLE QUANTITIES | TOXIC POLLUTANTS | PRIORITY POLLUTANTS | HAZARDOUS SUBSTANCES |
|---|-----------------------|------------------|---------------------|----------------------|
| Potassium hydroxide 1310-58-3 | 1000 LBS | -- | -- | X |

U.S. STATE REGULATIONS

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