



SAFETY DATA SHEET EQUIPMENT CLEANER

SECTION 1: IDENTIFICATION

Product Name: Equipment Cleaner
Product Code: K70
Product Use: Soap
Manufacturer's Name: E-ZOIL Products, Inc.
Address: 234 Fillmore Avenue
Address: Tonawanda, NY 14150 USA
Business Phone: 855-693-9645
Emergency Phone: 800-633-8253 PERS
Date of Preparation: February 3, 2020
Date of Last Revision: February 3, 2020
Regulatory Standard: UN3266

SECTION 2: HAZARDS IDENTIFICATION

GHS-US classification
Skin Irritant, Category 1
Eye Irritant, Category 1B

Hazard pictograms (GHS-US):



Signal word (GHS-US): Danger

Hazard statements (GHS-US): Causes severe skin burns and eye damage.

Precautionary statements (GHS-US): Do not breathe dust, fumes, gas, mist, vapors or spray. Do not eat, drink or smoke when using this product. Wear protective gloves and clothing. Wear eye and face protection. Wash face, hands, and any exposed skin thoroughly after handling. If swallowed: Call a poison center or doctor/physician if you feel unwell. Do NOT induce vomiting. Rinse mouth. If on skin: Remove all contaminated clothing immediately. Wash skin with plenty of soap and water. Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Seek medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Name | CAS Number | % |
|-----------------|------------|---------|
| Sodium silicate | 1344-09-8 | 10 - 20 |
| Caustic soda | 1310-73-2 | < 5 |
| EDTA | 60-00-4 | < 5 |

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: FIRST AID MEASURES

| | |
|--|---|
| First-aid measures after inhalation: | If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| First-aid measures after skin contact: | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention. |
| First-aid measures after eye contact: | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately. |
| First-aid measures after ingestion: | If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth. Get immediate medical advice/attention. |

Most important symptoms and effects, both acute and delayed:

See Section 11.

SECTION 5: FIRE FIGHTING MEASURES

| | |
|---------------------------------|---|
| Suitable extinguishing media: | Treat for surrounding material. |
| Unsuitable extinguishing media: | None known. |
| Fire hazard: | Products of combustion may include and are not limited to alkaline vapors. |
| Protection during firefighting: | Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|--------------------------|---|
| General measures: | Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Spills may be slippery. |
| For containment: | Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). |
| Methods for cleaning up: | Scoop up material and place in a disposal container. |

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: HANDLING AND STORAGE

| | |
|--------------------------------|--|
| Precautions for safe handling: | Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Provide adequate ventilation. |
|--------------------------------|--|

Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Storage conditions: Keep out of the reach of children. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed when not in use. Do not mix with other chemicals.

Storage temperature: 39 - 120 °F

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDHL |
|---------------------------|------------------------------|--|--|
| Caustic Soda 1310-73-2 | Ceiling: 2 mg/m ³ | TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³ | IDHL: 10 mg/m ³ Ceiling: 2 mg/m ³ |

Appropriate engineering controls: Apply technical measures to comply with the occupational exposure limits. Eyewash stations and showers.

Hand protection: Wear chemically resistant rubber or neoprene protective gloves.

Eye protection: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.

Skin and body protection: Wear suitable protective clothing, including appropriate boots, boot covers, overshoes, etc., as may be appropriate.

Respiratory protection: Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation or inhalation risk of vapors, use suitable respiratory equipment.

Environmental exposure controls: Maintain levels below community environmental protection thresholds.

Other information: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices. Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance: Liquid

Color: No data available

Odor: No data available

Odor threshold: No data available

pH: 13.29

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: Non-flammable

Relative evaporation rate: No data available

Flammability (solid, gas): Not flammable

Explosive limits: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Vapor pressure: No data available

Relative density: No data available
 Relative vapor density at 20 °C: No data available
 Specific gravity: 1.075
 Solubility: Completely soluble
 Partition coefficient: n-octanol/water: No data available
 Log Kow: No data available
 Auto-ignition temperature: No data available
 Decomposition temperature: No data available
 Viscosity: No data available
 Viscosity, kinematic: No data available
 Viscosity, dynamic: No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal storage conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat. Incompatible materials.

Incompatible materials: Acids.

Hazardous decomposition products: May include and are not limited to alkaline vapors caused by fire.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: Causes severe skin burns and eye damage.

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---------------------|------------------------|-----------------|
| Water 7732-18-5 | Rat > 90 mL/kg | -- | -- |
| Sodium Silicate 1344-09-8 | Rat = 1153 mg/kg | Rabbit > 4640 mg/kg | -- |
| α- [1, 1, 3, 3-(Tetramethylbutyl) phenyl]-ω-hydroxy-poly(oxy-1,2-ethanediyl) 9036-19-5 | Rat = 4190 mg/kg | -- | -- |
| Caustic soda 1310-73-2 | -- | Rabbit = 1350 mg/kg | -- |
| EDTA 60-00-4 | Rat = 1700 mg/kg | -- | -- |

Skin corrosion/irritation: Causes severe skin burns.

Serious eye damage/irritation: Causes severe eye damage.

Respiratory or skin sensitization: Avoid breathing vapors and mists.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation: May be harmful if inhaled.

Symptoms/injuries after skin contact: Causes severe skin burns.

Symptoms/injuries after eye contact: Causes severe eye damage.

Symptoms/injuries after ingestion: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

SECTION 12: ECOLOGICAL INFORMATION

Ecology - general: May cause long-term adverse effects in the aquatic environment.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganism | Crustacea |
|------------------------------|---|--|---------------------------|---|
| Sodium Silicate 1344-09-8 | ---- | 301 – 478: 96 h <i>Lepomis macrochirus</i> mg/L LC50 3185: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static | ---- | 216: 96 h <i>Daphnia magna</i> mg/L EC50 |
| Caustic Soda | ---- | 45.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static | ---- | ---- |
| EDTA 60-00-4 | 1.01: 72 h <i>Desmodesmus Subspicatus</i> mg/L EC50 | 34 – 62: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 44.2 – 76.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static | ---- | 113: 48 h <i>Daphnia magna</i> mg/L EC50 static |

Persistence and degradability: Not established.

Bioaccumulation: Not established.

Mobility in soil: Not established.

Other adverse effects: Not established.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

CALIFORNIA HAZARDOUS WASTE STATUS

| Chemical Name | California Hazardous Waste Status |
|---------------------------|-----------------------------------|
| Caustic Soda 1310-73-2 | Toxic, Corrosive |

SECTION 14: TRANSPORT INFORMATION

| Agency | UN/ID Number | Proper Shipping Name | Hazard Class | Packing Group | Marine Pollutant |
|--------|--------------|---|--------------|---------------|---|
| DOT | UN3266 | Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium silicate) | 8 | II | --- |
| IATA | UN3266 | Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium silicate) | 8 | II | --- |
| IMDG | UN3266 | Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium silicate) | 8 | II | This material may meet the definition of a marine pollutant |

SECTION 15: REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

UNITED STATES 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 (40 CFR 302).

SARA 313

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.

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---------------------------|--------------------------|----------------|---|
| Caustic Soda 1310-73-2 | 1000 lbs. | --- | RQ 1000 lbs. final RQ RQ 454 kg. final RQ |
| EDTA 60-00-4 | 5000 lbs. | --- | RQ 5000 lbs. final RQ RQ 2270 kg. final RQ |

CLEAN WATER ACT (CWA)

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

| Component | Reportable Quantities | Toxic Pollutants | Priority Pollutants | Hazardous Substances |
|---------------------------------|-----------------------|------------------|---------------------|----------------------|
| Caustic Soda 1310-73-2 (< 5) | 1000 lbs. | --- | --- | X |
| EDTA 600-00-4 (< 5) | 5000 lbs. | --- | --- | X |

UNITED STATES - STATE REGULATIONS

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 Chemicals.

UNITED STATES RIGHT-TO-KNOW REGULATIONS

| Chemical Name | Massachusetts | New Jersey | Pennsylvania |
|---------------------------|---------------|------------|--------------|
| Caustic Soda 1310-73-2 | X | X | X |
| EDTA 60-00-4 | X | X | X |

SECTION 16: OTHER INFORMATION

Other information: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.