



SAFETY DATA SHEET ALL-PURPOSE PURPLE

SECTION 1: IDENTIFICATION

Product Name: All-Purpose Purple
Product Code: DG15
Product Use: Cleaner/Degreaser
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 1, 2020
Date of Last Revision: February 1, 2020
Regulatory Standard: CFR29 1910.1200 HazCom 2012

SECTION 2: HAZARDS IDENTIFICATION

GHS-US classification
Skin Irritation 1, sub-category B
Serious Eye Damage 1

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 dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing/eye protection/face protection. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. 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/doctor. Store locked up. Dispose of contents/container in accordance with local, regional, national and international regulations.

Other Hazards: Harmful to aquatic life with long lasting effects.

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:

- Symptoms/injuries after skin contact: Causes severe skin burns. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
- Symptoms/injuries after eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
- Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Indication of any immediate medical attention and special treatment needed:

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 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.
- Fire hazard: Produces alkaline vapors in a fire.
- 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. Spills may be slippery. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
- 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. Provide ventilation.
- 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. Store locked up. Do not mix with other chemicals.
- Storage temperature: 39 - 120 °F

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Caustic Soda 1310-73-2	
ACGIH	Ceiling: 2 mg/m ³
OSHA	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³
NIOSH IDLH	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

- Appropriate engineering controls: Apply technical measures to comply with the occupational exposure limits. Eyewash stations. Showers.
- Hand protection: Wear chemically resistant 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: None necessary under normal conditions of use.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Appearance:	No data available
Color:	Purple
Odor:	None
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):	Non-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
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 including acids.

Incompatible materials: Acids

Hazardous decomposition products: May include and are not limited to produces alkaline vapors in a fire.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if swallowed.

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

Skin corrosion/irritation: Causes severe skin burns.

Serious eye damage/irritation: Causes severe eye damage.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

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 skin contact: Causes irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact: Causes eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Causes burns.

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

SECTION 12: ECOLOGICAL INFORMATION

Ecology - general: Harmful to aquatic life with long lasting effects.

Ingredient	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Sodium silicate 1344-09-8	-----	301 - 478: 96 h Lepomis macrochirus mg/L LC50 3185: 96 h Brachydanio rerio mg/L LC50 semi-static	-----	216: 96 h Daphnia magna mg/L EC50
Caustic Soda 1310-73-2	-----	45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	-----	-----
EDTA 60-00-4	1.01: 72 h Desmodesmus subspicatus mg/L EC50	34 - 62: 96 h Lepomis macrochirus mg/L LC50 static 44.2 - 76.5: 96 h Pimephales promelas mg/L LC50 static	-----	113: 48 h Daphnia magna mg/L EC50 Static

All-Purpose Purple	
Persistence and degradability	Not established.
Bioaccumulative potential	Not established.
Mobility in soil	No additional information available.
Other adverse effects	Effect on the global warming – No known ecological damage caused by this product.

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.

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

SECTION 14: TRANSPORT INFORMATION

UN number: UN3266

Proper Shipping Name (DOT): Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium silicate)

Transport hazard class(es) (DOT): 8

Hazard labels (DOT):



Packing group (DOT): II

May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. Until December 31, 2020, a limited quantity package may be renamed as 'Consumer commodity' and reclassified as ORM-D, when shipping by ground within the United States. Refer to 49 CFR Section 173.154.

IATA

UN/ID No: UN3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium silicate)

Hazard Class: 8

Packing Group: II

IMDG

UN/ID No: UN3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium silicate)

Hazard Class: 8

Packing Group: II

Marine Pollutant: 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.

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)
Caustic Soda 1310-73-2	1000 lb.		RQ 1000 lb. final RQ RQ 454 kg final RQ
EDTA 60-00-4	5000 lb.		RQ 5000 lb. final RQ RQ 2270 kg final RQ

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

CWA (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)

Component	Reportable Quantities	Toxic Pollutants	Priority Pollutants	Hazardous Substances
Caustic Soda 1310-73-2 (< 5)	1000 lbs.			X
EDTA 60-00-4 (< 5)	5000 lbs.			X

State 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
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.