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## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

**PRODUCT NAME** ALL PURPOSE PURPLE

### OTHER MEANS OF IDENTIFICATION

**SDS Number** E-007

**UN/ID Number** UN 3266

**Product Code**

**Recommended Uses** Cleaning agent

### 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 1 Sub-category B  
Serious eye damage/eye irritation Category 1

**SIGNAL WORD** Danger

### HAZARD STATEMENTS



**HAZARD STATEMENTS** Causes severe skin burns and eye damage

**APPEARANCE** LIQUID

**PHYSICAL STATE** LIQUID

## PRECAUTIONARY STATEMENTS

<b>PREVENTION</b>	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
<b>RESPONSE</b>	Immediately call poison center or doctor/ physician
<b>IF SWALLOWED</b>	Rinse mouth. Do NOT induce vomiting
<b>IF IN EYES</b>	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
<b>IF ON SKIN/HAIR</b>	Immediately remove all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse.
<b>IF INHALED</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing Immediately call a POISON CENTER or doctor/physician.
<b>IF EXPOSED/CONCERNED</b>	Get medical advice/ attention.
<b>STORAGE</b>	Store locked-up.
<b>DISPOSAL</b>	Dispose of contents/container to an approved waste disposal plant.
<b>HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)</b>	Harmful to aquatic life with long lasting effects. Harmful to aquatic life
<b>OTHER INFORMATION</b>	N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WEIGHT - %
Sodium Silicate	1344-09-8	10-20
Caustic Soda	1310-73-2	<5
EDTA	60-00-4	<5

## 4. FIRST-AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL ADVICE</b>	Immediately call a POISON CENTER or doctor/physician.
<b>EYE CONTACT</b>	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.
<b>SKIN CONTACT</b>	Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.



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<b>INHALATION</b>	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.
<b>INGESTION</b>	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** Causes severe skin burns and eye damage.

**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. Non-flammable.

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** Produces alkaline vapors in a fire.

### 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. Spills may be slippery. Prior permitting may be required before any detergent chemicals can be put into city sewers. See Section 12 for additional Ecological Information. See Section 13, Disposal Considerations, for additional information.

**ENVIRONMENTAL PRECAUTIONS**

### METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

**CONTAMINATION** Prevent further leakage or spillage if safe to do so.  
**CLEAN-UP** Sweep up and reclaim for use or flush to sewer.

## 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. Protect from freezing. Do not store at temperatures above 120° F. Do not mix with other chemicals.

**INCOMPATIBLE MATERIALS** Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Caustic Soda 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>
<b>ENGINEERING CONTROLS</b>	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. Wear suitable protective clothing

**RESPIRATORY PROTECTION** Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.

**GENERAL HYGIENE** Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE</b>	Liquid
<b>APPERANCE</b>	Liquid
<b>COLOR</b>	Purple
<b>ODOR</b>	Not determined
<b>ODOR THRESHOLD</b>	Not determined
<b>pH</b>	13.29
<b>MELTING POINT/FREEZING POINT</b>	Not determined
<b>BOILING POINT/BOILING RANGE</b>	Not determined
<b>FLASH POINT</b>	Non-Flammable
<b>EVAPORATION RATE</b>	Not determined
<b>FLAMMABILITY (SOLID, GAS)</b>	Liquid-not applicable
<b>UPPER FLAMMABILITY LIMITS</b>	Not determined

<b>LOWER FLAMMABILITY LIMITS</b>	Not determined
<b>VAPOR PRESSURE</b>	Not determined
<b>SPECIFIC GRAVITY</b>	1.075
<b>RELATIVE DENSITY</b>	Not determined
<b>WATER SOLUBILITY</b>	Completely miscible
<b>PARTITION COEFFICIENT</b>	Not determined
<b>N-OCTANOL/ WATER</b>	Not determined
<b>AUTO-IGNITION TEMPERATURE</b>	Not determined
<b>DECOMPOSITION TEMPERATURE</b>	Not determined
<b>VISCOSITY</b>	Not determined

## 10. STABILITY AND REACTIVITY

<b>REACTIVITY</b>	Not reactive under normal conditions
<b>CHEMICAL STABILITY</b>	Stable under recommended storage conditions
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	None under normal processing
<b>CONDITIONS TO AVOID</b>	Keep out of reach of children
<b>INCOMPATIBLE MATERIALS</b>	Strong acids
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Produces alkaline vapors in a fire.

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

<b>EYE CONTACT</b>	Causes severe eye damage.
<b>SKIN CONTACT</b>	Causes severe skin burns.
<b>INHALATION</b>	Avoid breathing vapors or mists.
<b>INGESTION</b>	Do not taste or swallow.

### COMPONENT INFORMATION

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Water <b>7732-18-5</b>	= 90 mg/kg (Rat)	-	-
Sodium Silicate <b>1344-09-8</b>	= 1153 mg/kg (Rat)	> 4640 mg/kg ( Rabbit )	-
$\alpha$ -[(1,1,3,3-Tetramethylbutyl)phenyl]- $\omega$ -hydroxy-poly(oxy-1,2-ethanediyl) <b>9036-19-5</b>	= 4190 mg/kg (Rat)	-	-
Caustic Soda <b>1310-73-2</b>	-	= 1350 mg/kg ( Rabbit )	-
EDTA <b>60-00-4</b>	= 1700 mg/kg (Rat)	-	



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**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-PRODUCT** Not determined.

**THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS DOCUMENT**

ATEMIX (ORAL) 1281 MG/KG  
ATEMIX (DERMAL) 27049 MG/KG

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY** Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

CHEMICAL NAME	ALGAE/ AQUATIC PLANTS	FISH	TOXIC TO MICROORGANISMS	CRUSTACEA
Sodium Silicate <b>1344-09-8</b>		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 <b>1310-73-2</b>		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
EDTA <b>60-00-4</b>	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
	<b>PERSISTENCE AND DEGRADABILITY</b>	Not determined		
	<b>BIOACCUMULATION</b>	Not determined		
	<b>MOBILITY</b>	Not determined		
	<b>OTHER ADVERSE EFFECTS</b>	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

Caustic Soda Toxic  
**1310-73-2** Corrosive



## 14. TRANSPORT INFORMATION

**NOTE:** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

**UN/ ID No** UN3266  
**Proper Shipping Name** Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, sodium silicate)  
**Hazard Class** 8  
**Packing Group** II

### 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

## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

#### LEGEND

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(B) Inventory
<b>DSL/NDL</b>	Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing/Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances
<b>IECSC</b>	China Inventory of Existing Chemical Substances
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances

## U.S. FEDERAL REGULATIONS

### 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)

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	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



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### 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 RQ	CERCLA/SARA RQ	REPORTABLE QUANTITY (RQ)
Caustic Soda 1310-73-2 (<5)	1000 LBS		RQ 1000 lb final RQ RQ 454 kg final RQ
EDTA 60-00-4	5000 LBS		RQ 5000 lb final RQ RQ 2270 kg final RQ

### U.S. STATE REGULATIONS

#### CALIFORNIA STATE REGULATIONS

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

### 16. OTHER INFORMATION

<b>NFPA</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>INSTABILITY</b>	<b>SPECIAL HAZARDS</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>PHYSICAL HAZARDS</b>	<b>PERSONAL PROTECTION</b>
	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**