

## 1. IDENTIFICATION

**Product Name:** EZE Clean Green™  
**Product Type and Use:** Aqueous alkaline cleaner / degreaser  
**Manufactured for:** GOLDEN WEST Industrial Supply  
2180 Agate Ct., Simi Valley, CA 93065  
**Contact:** Telephone: 1-805-522-1000 or 1-800-521-2601  
**Product Info:** Telephone: 972-271-7361  
**Emergency Telephone:** CHEMTREC® USA (800) 424-9300  
Outside US (703) 927-3887

## 2. HAZARDS IDENTIFICATION

### Hazard Classification

#### Health Hazard(s)

Skin Corrosion/ Irritation Category 1C  
Eye Irritation Category 1  
STOT-SE Category 2

#### Physical Hazard(s)

Corrosive to metals Category 1

#### Hazard(s) not otherwise classified

None

### Labeling

**Signal Word:** DANGER  
**Pictograms:** Corrosion, Exclamation mark, Health hazard

#### Statements of Hazard

##### Hazard Statements

Causes severe skin burns and eye damage  
May cause lung damage if inhaled

##### Precautionary Statements

Do not breathe spray or mist. Store locked up, in a well-ventilated place. Keep container tightly closed. Keep only in original container. Use only outdoors or in a well-ventilated area. Wear protective gloves, eye and face protection. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Store in corrosion resistant container with resistant inner liner. Dispose of contents and container in accordance with applicable regulations.  
If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or 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 or doctor.  
If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent by Wt.
Nonylphenol ethoxylate	9016-45-2	1-5*
Ethylenediaminetetraacetic acid tetrasodium salt	194491-31-1	1-5*
Sodium hydroxide	1310-73-2	1-5*
Sodium metasilicate	6834-92-0	1-5*

\* Exact percentage of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

**General Advice:** Causes severe skin burns and eye damage. Avoid skin and eye contact. Avoid breathing spray or mist.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor.

**Skin Contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor.

**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.

**If swallowed:** Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Suitable:** Carbon Dioxide, Dry Chemical, and Foam

**Unsuitable:** Alcohol, Alcohol based solutions, any other media not listed above.

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

**Unusual Fire and Explosion Hazards:** None known

**Hazardous Combustion/ Decomposition Products:** Oxides of carbon, nitrogen and sulfur.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions / Protective Equipment / Emergency Procedures:** Use caution as spills may be slippery. Use personal protective equipment.

**Methods and materials for containment and cleaning up:** Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Ensure adequate ventilation and eliminate all sources of ignition.

Dike and contain large spills with inert absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer using non-sparking tools into a properly labeled container for disposal according to local / national regulations.

## 7. HANDLING AND STORAGE

### HANDLING

**Precautions for Safe Handling:** Avoid skin and eye contact. Follow all SDS/label precautions even after container is empty due to residue.

### STORAGE

**Conditions to avoid:** Store in a cool, dry, well-ventilated place in the original container. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS

Component	ACGIH		OSHA		STEL ppm	STEL mg/m3
	TLV ppm	TLV mg/m3	PEL ppm	PEL mg/m3		
Sodium hydroxide	N/E	2	N/E	N/E	N/E	N/E
Sodium metasilicate	N/E	2**	N/E	N/E	N/E	N/E

\*\*Manufacturers recommended exposure limit

**Engineering Controls:** Use outdoors or with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

### Personal Protection

**Respiratory Protection:** In case of insufficient ventilation, wear a suitable NIOSH approved air purifying respirator.

**Hand / Skin Protection:** Wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent and duration of exposure.

**Eye / Face Protection:** Face shield with safety glasses with side-shields. An eyewash station should be available to the area of use.

**General Hygiene Measures:** Avoid skin and eye contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Transparent	<b>Autoignition Temperature:</b>	Not applicable
<b>Physical State:</b>	Viscous liquid	<b>Percent Volatile by volume:</b>	>90
<b>Odor:</b>	Soapy	<b>Vapor Density (Air=1) :</b>	>1
<b>Color:</b>	Dark brown	<b>Evaporation Rate (BuAc=1) :</b>	<1
<b>Viscosity, cSt @ 40°C:</b>	Not established	<b>Vapor Pressure, mmHg @23°C:</b>	18
<b>cSt @ 104°C:</b>	Not established	<b>Solubility in water:</b>	Soluble
<b>pH:</b>	13.8	<b>Octanol/Water Partition:</b>	Not established
<b>Boiling Point/ Range:</b>	>100°C / 212°F	<b>VOC Content (%):</b>	0
<b>Melting Point:</b>	<0°C / 32°F	<b>Specific Gravity @ 22.2°C:</b>	1.02
<b>Flash Point:</b>	>93°C / 200°F	<b>Pour Point:</b>	0°C / 32°F
<b>Method:</b>	Not applicable	<b>Non-volatile by Volume (%):</b>	<10
<b>Lower Explosive Limit, vol %:</b>	Hydrogen 4 %	<b>Dielectric Strength (KV):</b>	Not applicable
<b>Upper Explosive Limit, vol %:</b>	Hydrogen 75 %		

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at ambient temperatures.

**Conditions to Avoid:** None known

**Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Aluminum and other reactive metals, glass, oxidizing agents, acids. May react with ammonium salt solutions resulting in evolution of ammonia gas. Carbon monoxide gas may be produced on contact with reducing sugars.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information:** Not established

### Ingredient Information

Sodium hydroxide:

Nonylphenol ethoxylate: Orl-Rat LD50 >5 g/kg, Skn-Rbt LD50 >2 g/kg, Ihl-rat LC50: 1.15 mg/L 4 h

Sodium metasilicate: LD50 Oral 600 mg/kg (Rat)

Ethylenediaminetetraacetic acid tetrasodium salt: LD50 Orl-rat - 630-1,260 mg/kg

### Acute Effects

**Signs and Symptoms of Overexposure:** Skin and Eye burns, Coughing/Sneezing

**Inhalation:** Mist may cause coughing and sneezing. Prolonged or repeated inhalation of mist may cause lung damage.

**Skin Contact:** Causes severe irritation seen as stinging, itching and redness. May cause burns.

**Eye Contact:** Causes serious eye irritation seen as stinging, tearing and redness. May cause blindness.

**Ingestion:** May cause burns, nausea, vomiting and diarrhea.

**Primary Route(s) of Exposure:** Eyes, Skin, Inhalation

**Primary Route(s) of Entry:** Inhalation, Ingestion

**Target Organs:** Eyes, Skin, Lungs

**Chronic Effects:** None known.

**Carcinogenicity:** Not established.

**Medical Conditions Aggravated by Exposure:** May aggravate existing skin, eye and respiratory conditions such as asthma and dermatitis.

## 12. ECOLOGICAL INFORMATION

**Product Data:** Not established

### Ingredient Data

Nonylphenol Ethoxylate: Toxicity to Fish LC50, Pimephales promelas (fathead minnow), 3.8 mg/L 96 hr; Toxicity to Daphnids: LC50,

Daphnia magna (Water flea): 9.3 - 21.4 mg/l 48 h, Toxicity to micro-organisms: IC50; Bacteria: > 1,000 mg/l16 h

Sodium metasilicate: Toxicity to Fish LC50 = 210 mg/L Brachydanio rerio 96 h, Water Flea EC50 216 mg/L 96 h Daphnia magna

**Elimination Information:** Nonylphenol ethoxylate: log Pow: 2.1-3.4 calculated

### 13. DISPOSAL CONSIDERATIONS

**Product:** Dispose of in accordance with local regulations. Smaller quantities can be disposed of with household waste.  
**Container:** Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal. Empty containers may contain residues. Do not cut, weld or grind empty containers.

### 14. TRANSPORT INFORMATION

#### Road Transport

**DOT Hazard Class:** 8

**Description:** Corrosive liquid

**UN-No.:** 3266

**Proper Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. (Sodium metasilicate and Sodium hydroxide)

#### Sea Transport

**IMDG/GGV See Class:** 8

**UN-No.:** UN3266

**Packing Group:** III

**Proper Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. (Sodium metasilicate and Sodium hydroxide)

#### Air Transport

**ICAO/IATA Class:** 8

**UN-No.:** UN3266

**Packing Group:** III

**Shipping Name:** Corrosive liquid, basic, inorganic, n.o.s. (Sodium metasilicate and Sodium hydroxide)

### 15. REGULATORY INFORMATION

#### **U.S. Federal Regulations**

**Toxic Substances Control Act (TSCA):** All components are included on the Inventory

**Superfund Amendments and Reauthorization Act (SARA) Title III:**

Immediate Hazard	Delayed Hazard	Fire Hazard	Pressure Hazard	Reactivity Hazard
X	-	-	-	-

### 16. OTHER INFORMATION

**Prepared by:** GOLDEN WEST Industrial Supply, Technical Services Department

**Issue Date:** 6/16/2015

**Supersedes Date:** 8/15/2012

**Revision Indicator:** Update to OSHA 2012 SDS

National Fire Protection Association (704)

Health: 2

Flammability: 1

Reactivity: 0

Other:

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: GOLDEN WEST Industrial Supply