

EAGLE ONE® COLD WATER PRE  
TREATMENT CLEANER &  
SURFACE PREP  
E1810830

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)

Product name	EAGLE ONE® COLD WATER PRE TREATMENT CLEANER & SURFACE PREP
Product code	E1810830
Product Use Description	No data

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance: liquid, colourless

**DANGER! MAY BE HARMFUL. MAY CAUSE SEVERE BURNS OF RESPIRATORY AND DIGESTIVE TRACTS. CAUSES SEVERE BURNS OF THE EYES AND SKIN.**

**Potential Health Effects**

**Routes of exposure**

Inhalation, Skin contact, Eye Contact, Ingestion

**Eye contact**

Can cause permanent eye injury. Symptoms include stinging, tearing, redness, and swelling of eyes. Can injure the cornea and cause blindness.

**Skin contact**

Can cause permanent skin damage. Symptoms may include redness, burning, and swelling of skin, burns, and other skin damage. The feeling of irritation or pain may not occur until several hours after the exposure. Additional symptoms of skin contact may include: hair loss Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

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### **Ingestion**

Swallowing this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation (nausea, vomiting, diarrhea), abdominal pain, and vomiting of blood. Swallowing this material may cause burns and destroy tissue in the mouth, throat, and digestive tract. Low blood pressure and shock may occur as a result of severe tissue injury. Exposure causes severe irritation of the gastrointestinal tract.

### **Inhalation**

It is possible to breathe this material under certain conditions of handling and use (for example, during heating, spraying, or stirring). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

### **Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

### **Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), cough, difficult breathing, lung edema (fluid buildup in the lung tissue), lung damage, damage to the mouth, throat, and/or airways, shock

### **Target Organs**

No data

### **Carcinogenicity**

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

### **Reproductive hazard**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

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<b>Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
SODIUM HYDROXIDE	1310-73-2	>=1.5-<5%
INORGANIC SALT	NJTS# 254504001-5249	>=1.5-<5%

#### **4. FIRST AID MEASURES**

##### **Eyes**

If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. If symptoms develop as a result of vapor exposure, immediately move individual away from exposure and into fresh air before flushing as recommended above. Seek immediate medical attention.

##### **Skin**

Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention. Wash clothing before reuse and discard contaminated shoes.

##### **Ingestion**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

##### **Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

##### **Notes to physician**

**Hazards:** No information available.

**Treatment:** No information available.

#### **5. FIRE-FIGHTING MEASURES**

##### **Suitable extinguishing media**

Water mist, Carbon dioxide (CO2), Dry chemical

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**Hazardous combustion products**

carbon dioxide and carbon monoxide, corrosive vapors

**Precautions for fire-fighting**

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

**Environmental precautions**

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

**Methods for cleaning up**

Absorb liquid on vermiculite, floor absorbent or other absorbent material. Scoop or vacuum transfer spilled product to clean containers for recovery.

**7. HANDLING AND STORAGE**

**Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

**Storage**

Keep from freezing. To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110 degrees F.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

**SODIUM HYDROXIDE**

**1310-73-2**

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ACGIH	Ceiling Limit Value:	2 mg/m3
NIOSH	Ceiling Limit Value and Time Period (if specified):	2 mg/m3
OSHA Z1	Permissible exposure limit	2 mg/m3

### **General advice**

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

### **Exposure controls**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects. Mechanical ventilation systems used to ventilate corrosive storage or process areas must be designed with components that are corrosion resistant.

### **Eye protection**

Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area.

### **Skin and body protection**

Wear appropriate chemical impervious clothing and boots whenever there is potential for skin contact with product. Launder clothing before reuse. Maintain safety shower at all locations where skin contact could occur. Contact your local safety equipment supplier to assist the facility in determining proper selection of personal protective equipment for the applications/operations present at your facility.

Wear resistant gloves such as:

Neoprene  
Nitrile rubber

### **Respiratory protection**

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been

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determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	liquid
<b>Form</b>	No data
<b>Colour</b>	colourless
<b>Odour</b>	No data
<b>Boiling point/boiling range</b>	No data
<b>pH</b>	13.4
<b>Flash point</b>	No data
<b>Evaporation rate</b>	No data
<b>Explosion limits</b>	No data
<b>Vapour pressure</b>	No data
<b>Vapour density</b>	No data
<b>Density</b>	1.1 g/cm <sup>3</sup> @ 72.00 °F / 22.22 °C 9.174 lb/gal @ 60.00 °F / 15.56 °C
<b>Solubility</b>	completely soluble in water
<b>Partition coefficient: n-octanol/water</b>	No data
<b>log Pow</b>	no data available
<b>Autoignition temperature</b>	No data

## 10. STABILITY AND REACTIVITY

**Stability**  
Stable.

**Conditions to avoid**

**Incompatible products**  
Avoid contact with: acids, Organic materials

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**Hazardous decomposition products**

No data

**Hazardous reactions**

Product will not undergo hazardous polymerization., Can react with chemically reactive metals, such as aluminum, zinc, magnesium, copper, etc., to release hydrogen gas which can form explosive mixtures with air.

**Thermal decomposition**

No data

**11. TOXICOLOGICAL INFORMATION**

**Acute oral toxicity**

SODIUM HYDROXIDE	LD Lo Rabbit: 500 mg/kg
INORGANIC SALT	LD 50 Rat: 1,100 - 1,600 mg/kg

**Acute inhalation toxicity**

SODIUM HYDROXIDE	no data available
INORGANIC SALT	no data available

**Acute dermal toxicity**

SODIUM HYDROXIDE	LD 50 Rabbit: 1,350 mg/kg
INORGANIC SALT	LD 50 Rabbit: > 4,640 mg/kg

**12. ECOLOGICAL INFORMATION**

**Aquatic toxicity**

**Acute and Prolonged Toxicity to Fish**

No data

**Acute Toxicity to Aquatic Invertebrates**

No data

**Environmental fate and pathways**

No data

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### **13. DISPOSAL CONSIDERATIONS**

#### **Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

### **14. TRANSPORT INFORMATION**

#### **IMDG:**

UN1719, CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, ) 8, II

#### **IATA\_P:**

UN1719, Caustic alkali liquid, n.o.s. (SODIUM HYDROXIDE, ) 8, II

#### **IATA\_C:**

UN1719, Caustic alkali liquid, n.o.s. (SODIUM HYDROXIDE, ) 8, II

#### **CFR\_ROAD:**

UN1719, Caustic alkali liquids, n.o.s. (SODIUM HYDROXIDE, ) 8, II

#### **CFR\_RAIL:**

UN1719, Caustic alkali liquids, n.o.s. (SODIUM HYDROXIDE, ) 8, II

#### **CFR\_INWTR:**

UN1719, Caustic alkali liquids, n.o.s. (SODIUM HYDROXIDE, ) 8, II

#### **IMDG\_ROAD:**

UN1719, CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, ) 8, II

#### **IMDG\_RAIL:**

UN1719, CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE, ) 8, II

Dangerous goods descriptions (if indicated above) may not reflect package size, quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

### **15. REGULATORY INFORMATION**

#### **California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**ASHLAND**  
**SAFETY DATA SHEET**

Page: 9  
Revision Date: 07/23/2008  
Print Date: 10/2/2008  
MSDS Number: R0399699  
Version: 1.6

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**SARA Hazard Classification** Acute Health Hazard

**SARA 313 Component(s)**

**Reportable quantity - Product**

US. EPA CERCLA Hazardous Substances (40 CFR 302) 20004 lbs

**Reportable quantity - Components**

SODIUM HYDROXIDE	1310-73-2	1000 lbs
INORGANIC SALT	NJTS# 254504001-5249	none

	<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Other</b>
<b>HMIS</b>	3	0	1	
<b>NFPA</b>	3	0	1	

**16. OTHER INFORMATION**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).