

# MATERIAL SAFETY DATA SHEET

## HYDROCLEAN-10



### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Portland, Oregon  
Phoenix, Arizona  
Auburn, Washington  
Vancouver, Washington

**Print Date:** 10/29/2004

### SECTION I - PRODUCT IDENTIFICATION

**PRODUCT NAME:** HYDROCLEAN-10

**PRODUCT NUMBER:** 3008

**UPC NUMBER:**

**PREPARED BY:** Patricia Rodabaugh

**DATE PREPARED:** 9/15/1997

**LAST REVISION:** 9/15/1997

**DOT Proper Shipping Name:** Not DOT Regulated

**UN NUMBER:**

**PACKING GROUP:**

**GUIDE NUMBER:**

**DOT CLASS:** Not DOT Regulated

**SYNONYMS:**

### SECTION II - HAZARDOUS INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
Triethanolamine	102-71-6	<1	Not established	5 mg/m3	
Sodium Metasilicate, Pentahydrate		<1			
Sodium tripolyphosphate		<1			

### SECTION III - PHYSICAL CHARACTERISTICS

**BOILING POINT:** 212 F

**VAPOR PRESSURE:** 18 mmHg @ 20 C

**EVAPORATION:** N/A

**POUNDS PER GALLON:**

**SPECIFIC GRAVITY:** 1.004

**MELTING POINT:** N/A

**VAPOR DENSITY:** N/A

**PH:** 12

**SOLUBILITY IN WATER:** N/A

**APPEARANCE AND ODOR:** Blue, clear liquid. Mild odor.

### SECTION IV - FIRE/EXPLOSION

**FLASH POINT:** N/A

**FLASH POINT METHOD USED:** Tag Closed Cup

**LEL:** 0

**UEL:** 0

**EXTINGUISHING MEDIA:**

Use water fog, "alcohol" foam, dry chemical, or CO2.

**SPECIAL FIRE FIGHTING PROCEDURES:**

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

May generate flammable hydrogen gas when contaminated with Aluminum, Zinc, Tin or Lead.

**SECTION V - REACTIVITY DATA****STABLE:**

Stable

**INCOMPATIBILITY:**

Strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS:**

Oxides of Carbon, Sulfur, Nitrogen

**HAZARDOUS POLYMERIZATION:**

Will Not Occur

**SECTION VI - HEALTH HAZARD DATA****ACUTE HEALTH EFFECTS**

<b>EYE CONTACT:</b>	Liquid is moderately irritating to the eyes. High vapor concentrations may also be irritating.
<b>INHALATION:</b>	May cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system (CNS) depression.
<b>INGESTION:</b>	Irritating to the gastrointestinal tract, causing abdominal pain and vomiting, sometimes bloody. Ingestion may cause CNS depression, low blood pressure, rapid heart beat and liver damage.
<b>SKIN CONTACT:</b>	Liquid is moderately irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**SIGNS AND SYMPTOMS OF EXPOSURE:**

Redness of the eyes, defatting of skin, coughing, vomiting or diarrhea.

**AGGRAVATED MEDICAL CONDITIONS:**

Preexisting skin and eye conditions may be aggravated by exposure to this product.

**SUPPLEMENTAL HEALTH INFORMATION:**

None identified

## **EMERGENCY FIRST AID PROCEDURES**

<b>EYE CONTACT:</b>	Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Remove contact lenses. If irritation occurs, get medical attention.
<b>INHALATION:</b>	No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
<b>INGESTION:</b>	If swallowed, do not induce vomiting. Give victim a glass of water. Have them rinse and spit out. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
<b>SKIN CONTACT:</b>	Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

## **SECTION VII - SPILL OR LEAK PROCEDURES**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

Wear protective clothing. Wipe or mop up spills. Floors may be slippery.

### **WASTE DISPOSAL METHOD:**

Comply with all local, state, and federal laws.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Avoid contact with eyes and skin. Keep out of reach of children. Keep from freezing.

### **OTHER PRECAUTIONS:**

Read entire label before using.

## **SECTION VIII - CONTROL MEASURES**

### **RESPIRATORY PROTECTION:**

N/A

### **VENTILATION:**

Provide local ventilation.

### **PROTECTIVE GLOVES:**

Test data indicate the best protection is provided by neoprene, nitrile, and natural rubber gloves.

### **EYE PROTECTION:**

Safety glasses with side shields or chemical goggles.

### **OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Wear protective apron.

### **WORK / HYGENIC PRACTICES:**

Use good personal hygiene when handling this product. Wash hands after use, before eating, smoking, or using the toilet.

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