



# MATERIAL SAFETY DATA SHEET

ChemLine 2400/32 and 2400/32EA

Part A (Resin)

Revision Number 1.9

Revision Date January 3, 2012

## SECTION 1 – PRODUCT / SUBSTANCE AND COMPANY IDENTIFICATION

**Product Name:** ChemLINE  
**Product Number:** 2400/32 and 2400/32 EA  
**Manufacturer:** Advanced Polymer Coatings, Ltd.  
**Address:** 951 Jaycox Rd. --- Avon, Ohio 44011 U.S.A.  
**Phone Number:** {+01} 440 / 937-6218 [toll free 800-334-7193]  
**Fax Number:** {+01} 440 / 937-5046 [toll free 800-615-0233]  
**CHEMTREC:** {+01} 730 / 527-3887 [toll free 800-424-9300]

**C.A.S. Chemical Name:** Novolac Epoxy Polymer Blend  
**Synonyms:** Novolac  
**Intended Use:** See Technical Data Sheet. For Professional Use Only.  
**Application Method:** See Application Specifications. For Professional Use Only.  
**Previous Revision Date:** January 2, 2010

**Personal Protection:** n, o, p, q, s, u, y, z  
**HMIS Health Rating** 1                      **Flammability** 2                      **Reactivity** 0

## SECTION 2 – COMPOSITION / INFORMATION OF INGREDIENTS

#	Chemical Name	CAS Number	%
1.	Novolac Epoxy Polymer	28064-14-4	40.0 – 60.0
2.	AL <sub>2</sub> O <sub>3</sub>	1344-28-1	30.0 – 50.0
3.	Xylene	1330-20-7	2.0 – 5.0
4.	Toluene	108-88-3	1.0 – 4.0
5.	Titanium Dioxide	13463-67-7	< 1.0
6.	Fumed Silica, amorphous, hydrophilic	67762-90-7	< 2.0

### OSHA (ACGIH) Exposure Limits

	PEL		TLV		TWA	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
1.	N/E	N/E	N/E	N/E	N/E	N/E
2.	N/E	N/E	N/E	N/E	N/E	N/E
3.	100	----	100	----	100	----
4.	200	----	50	188	100	----
5.	N/E	N/E	N/E	N/E	N/E	N/E
6	N/E	N/E	N/E	N/E	N/E	N/E

N/E = Not Established

24 HOUR EMERGENCY NUMBER: 800-424-9300 (toll free within Continental U.S.)  
703-527-3887 (outside Continental U.S. – may be called collect)  
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### SECTION 3 – HAZARD IDENTIFICATION

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<b>Hazards:</b>	Harmful if swallowed. Moderate eye irritant. Skin irritant. May cause skin sensitization. Moderate respiratory tract irritant.
<b>Extinguishing Media:</b>	Carbon Dioxide (CO <sub>2</sub> ), Foam, Dry Chemical or Water Fog
<b>Routes of Exposure</b>	Ingestion Eye Contact Skin Contact
<b>Exposure Standards</b>	No standards established for the product. Maintain air contaminant concentrations in the workplace at the lowest feasible levels.
<b>Health Hazards</b>	Harmful if swallowed. Moderate respiratory tract irritant. Corrosive to eyes. Severe eye irritant. Severe skin irritant. May cause skin sensitization.
<b>Target Organs</b>	Eye, Skin, Respiratory system

#### Signs and Symptoms of Exposure (Acute effects)

Inhalation of vapors may cause irritation in the respiratory tract.

Contact of undiluted product with: Eyes; moderately irritating  
Skin; mildly irritating to skin, prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

#### Signs and Symptoms of Exposure (Possible longer term effects)

Repeated and or prolonged exposure may cause allergic reaction and sensitization.

Repeated and or prolonged exposure may result in: adverse respiratory effects (such as cough, tightness of chest or shortness of breath), adverse skin effects (such as rash, irritation or dermatitis).

#### Medical Conditions Generally Aggravated by Exposure

Chronic respiratory disease (e.g. Asthma, Bronchitis, Emphysema)

Eye disease. Skin disorders and Allergies.

#### Carcinogens Under OSHA, ACGIH, NTP, IARC, Other

This product contains no carcinogens.

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### SECTION 4 – FIRST AID MEASURES

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#### Eye Contact

Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek medical advice.

#### Skin Contact

Remove product and immediately wash affected area with soap and water. Rinse thoroughly. Remove contaminated clothing and shoes. Launder contaminated clothing prior to reuse. Seek medical advice.

#### Inhalation

Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. mouth-to-mouth). Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice.

#### Ingestion

If conscious, administer water to drink - DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Seek medical advice.

#### Note to Physician

Treat symptomatically as required by the condition of the patient.

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### SECTION 5 – FIRE FIGHTING MEASURES

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**Flash Point (closed cup)** 154°F. (68°C.)

**Flammable Limits in Air:** Lower: 1  
**% by Volume** Upper: 7

**Autoignition Temperature** 997°F. (535°C.)

#### Extinguishing Media

Carbon Dioxide (CO<sub>2</sub>), Foam, Dry Chemical or Water Fog

#### Fire Fighting Instructions

Isolate the hazard and evacuate the area. As best as possible, stay upwind and fight the fire from the maximum distance. Use water spray to cool containers and fire exposed surfaces. Shut off fuel to fire if possible without hazard.

#### Fire Fighting Equipment

Wear self-contained breathing apparatus. Wear a face shield. Wear complete personal protective equipment including butyl rubber boots, gloves, and body suit.

#### Unusual Fire and Explosion Hazards

None known, handle as a combustible liquid.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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### Spill or Leak Procedures:

Avoid eye or skin contact. Shut off or remove all ignition sources. Stop the leak, if possible. Construct a dike to prevent spreading. In case of a major spill or spillage in a confined space evacuate the area. Check solvent vapor levels before re-entering.

### Clean-Up Procedures

Absorb spillage with non-reactive, non-combustible materials, e.g. dry soil, sand, vermiculite. Place in appropriate chemical waste container. Incinerate under controlled conditions and dispose of in an approved landfill. Flush area with water spray. Clean-up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing.

### Other Emergency Advice

Wear protective clothing, boots, gloves, and eye protection.

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## SECTION 7 – HANDLING AND STORAGE

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### Storage

Handle containers carefully to prevent damage and spillage.  
Material should be kept in original containers.  
Keep in cool, dry, ventilated storage and in closed container.  
Smoking, high heat and open flames should not be permitted in storage areas.  
Storage area to be adequately ventilated.

### Handling

Avoid contact with skin or eyes.  
Avoid breathing of vapors.  
Use personal protection as shown in Section 8.  
Handle in well-ventilated workspace.  
When handling, do not eat, drink or smoke.

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## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>General Ventilation:</b>	Required in both external and enclosed areas.	
<b>Local Exhaust:</b>	<b>External Areas:</b>	Recommended
	<b>Enclosed Areas:</b>	Required
<b>Respiratory Protection:</b>	<b>External Areas:</b>	Gas & Vapor removing, air purifying respirator (cartridge)
	<b>Enclosed Areas:</b>	Full face, positive pressure demand type (supplied air mask)

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<b>Eye Protection</b>	Chemical goggles or full face shield and safety glasses with side shields
<b>Hand Protection</b>	Impermeable gloves. Neoprene rubber gloves. Cuffed butyl rubber gloves. Nitrile rubber gloves.
<b>Protective Clothing</b>	Impervious clothing. Tyvek or Saranex Suit.
<b>Engineering Controls</b>	No specific controls needed.
<b>Work and Hygienic Controls</b>	Provide readily accessible eye wash stations and safety showers. Wash at the end of each workshift and before eating, smoking, or using the toilet. Promptly remove clothing that becomes contaminated. Discard contaminated leather articles.

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### SECTION 9 – TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical Form</b>	Mobile liquid
<b>Color (standard)</b>	White, Gray or Red (based on pigment)
<b>Odor</b>	Aromatic benzene-like odor
<b>pH</b>	CA. 7
<b>Specific Gravity (H<sub>2</sub>O = 1.0)</b>	1.41
<b>Decomposition Temperature:</b>	240°C.
<b>Solubility in Water</b>	Insoluble
<b>Percent Volatiles by Volume:</b>	11% (+3%)
<b>Viscosity:</b>	6,000 cPs (±1,000)

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### SECTION 10 – STABILITY AND REACTIVITY

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<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Avoid storage at elevated temperatures
<b>Incompatibility (Materials to Avoid):</b>	Strong Oxidizers, acids and caustics
<b>Hazardous Polymerization:</b>	Will autopolymerize at very high temperatures
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, Carbon dioxide

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### SECTION 11 – TOXICOLOGICAL PROPERTIES

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<b>Acute Oral Toxicity (LD 50, Rat)</b>	5,000 mg/kg (estimated, no deaths)
<b>Acute Dermal Toxicity (LD 50, Rabbit)</b>	8,000 mg/kg (estimated, no deaths)

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<b>Acute Inhalation Toxicity (LC 50, Rat)</b>	No deaths after 8 hour exposure to vapor
<b>Other Acute Effects</b>	No Data
<b>Irritation Effects Data</b>	U.S. EPA – Moderate Irritant (Category III) EU -- Irritant for Skin

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## SECTION 12 – ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No Data on product itself
<b>Environmental Fate</b>	No Data on product itself
<b>Additional Information</b>	This product should not be allowed to enter drains or water courses.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

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<b>Waste Disposal</b>	Comply with all Federal, State and Local Regulations.
<b>Disposal Methods</b>	Incinerate under controlled conditions according to Federal, State and Local Environmental Regulations. Dispose of in an approved landfill.

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## SECTION 14 – TRANSPORTATION INFORMATION

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<b>DOT Class</b>	Not Regulated
<b>RCRA Status</b>	Not a Hazardous Waste under RCRA (40 CFR 261)
<b>CERCLA Status</b>	Not Listed
<b>IMO Shipping Data</b>	Refer to Bill of Lading
<b>ICAO/IATA Shipping Data</b>	Refer to Bill of Lading

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## SECTION 15 – REGULATORY INFORMATION

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### US FEDERAL REGULATIONS

#### Toxic Substance Control Act (TSCA)

All components are included in the EPA TSCA Chemical Substance Inventory.

#### OSHA Hazard Communication Standard (29 CFR 1910.1200) *hazard class(es)*

Irritant. Sensitizer.

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### STATE REGULATIONS

**Proposition 65 Substances** (*component(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986"*)

None

**New Jersey Trade Secret Registry Number(s)**

None

### CANADA

**WHMIS Hazard Classification**

No Information Available

### EUROPEAN ECONOMIC COMMUNITY (EEC)

**EEC Symbol**

Harmful (Xn)

**EEC Risk (R) Phrases**

May cause sensitization by skin contact (R43).  
Irritating to eyes, respiratory system, and skin  
(R36/37/38). Harmful if swallowed (R22).

**EEC Safety Phrases**

In case of contact with eyes, rinse immediately with  
plenty of water and seek medical advice (S26). Wear  
suitable protective clothing, gloves and eye/face  
protection (S36/37/39). In case of accident or if you  
feel unwell, seek medical advice immediately (show  
the label where possible) (S45).

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## SECTION 16 – OTHER INFORMATION

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The information on this MSDS is based upon the present state of our knowledge and on current laws and regulations.

This product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

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## SECTION 1 – PRODUCT / SUBSTANCE AND COMPANY IDENTIFICATION

**Product Name:** ChemLINE  
**Product Number:** 2400/32 and 2400/32EA  
**Manufacturer:** Advanced Polymer Coatings, Ltd.  
**Address:** 951 Jaycox Rd. -- Avon, Ohio 44011 U.S.A.  
**Phone Number:** {+01} 440 / 937-6218 [toll free 800-334-7193]  
**Fax Number:** {+01} 440 / 937-5046 [toll free 800-615-0233]  
**CHEMTREC:** {+01} 703 / 527-3887 [toll free 800-424-9300]

**C.A.S. Chemical Name:** Cycloaliphatic Amine, Mixture  
**Synonyms:** None  
**Intended Use:** See Technical Data Sheet. For Professional Use Only.  
**Application Method:** See Application Specifications. For Professional Use Only.  
**Previous Revision Date:** January 2, 2010

**Personal Protection:** n, o, p, q, s, u, y, z  
**HMIS Health Rating** 2                      **Flammability** 1                      **Reactivity** 0

## SECTION 2 – COMPOSITION / INFORMATION OF INGREDIENTS

#	Chemical Name	CAS Number	Percentage
1.	4,4'-Methylenebiscyclohexanamine	1761-71-3	60.0 – 70.0
2.	Imidazole Blend	931-36-2	20.0 – 30.0

### OSHA (ACGIH) Exposure Limits

	TWA		STEL		Ceiling	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
1.	N/E	N/E	N/E	N/E	N/E	N/E
2.	N/E	N/E	N/E	N/E	N/E	N/E

N/E = Not Established

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### SECTION 3 – HAZARD IDENTIFICATION

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<b>Routes of Exposure</b>	Ingestion Eye Contact Skin Contact Inhalation
<b>Exposure Standards</b>	No standards established for the product. Maintain air contaminant concentrations in the workplace at the lowest feasible levels.
<b>Health Hazards</b>	Harmful if swallowed. Corrosive to eyes. Severe eye irritant. Corrosive to skin. Severe skin irritant. May cause skin sensitization. Moderate respiratory tract irritant.
<b>Target Organs</b>	Eye Skin Respiratory system
<b>Extinguishing Media:</b>	Ignition will give rise to Class B fire. In case of large fire use: alcohol foam, water spray In case of small fire use: carbon dioxide (CO <sub>2</sub> ), dry chemical, dry sand or limestone.

#### Signs and Symptoms of Exposure (Acute effects)

Product vapor in low concentrations can cause lacrimation, conjunctivitis and corneal edema when absorbed into the tissue of the eye from the atmosphere. Corneal edema may give rise to a perception of 'blue haze' or 'fog' around lights. The effect may cause blindness. Inhalation of vapors may cause irritation in the respiratory tract. Contact of undiluted product with the eyes or skin quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.

Inhalation of aerosols and mists may severely damage contacted tissue and produce scarring.

Product is absorbed through the skin and may cause nausea, headache and general discomfort.

Risk of exposure to hazardous concentrations of vapor under normal working conditions in a well-ventilated space is minimal. However, conditions such as spraying or sudden release of hot liquid, which generate an aerosol, mists or fog should be avoided.

#### Signs and Symptoms of Exposure (Possible longer term effects)

Repeated and/or prolonged exposure may cause allergic reaction and sensitization.

Repeated and/or prolonged exposure may result in: adverse respiratory effects (such as cough, tightness of chest or shortness of breath), adverse eye effects (such as conjunctivitis or corneal damage), adverse skin effects (such as rash, irritation or corrosion).

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### Medical Conditions Generally Aggravated by Exposure

Asthma. Chronic respiratory disease (e.g. Bronchitis, Emphysema)  
Eye disease. Skin disorders and Allergies.

### Carcinogens Under OSHA, ACGIH, NTP, IARC, Other

This product contains no carcinogens.

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## SECTION 4 – FIRST AID MEASURES

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### Eye Contact

Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.  
Seek medical advice.

### Skin Contact

Remove product and immediately flush affected area with water for at least 15 minutes.  
Remove contaminated clothing and shoes. Cover the affected area with a sterile dressing or clean sheeting and transport for medical care. **DO NOT APPLY GREASE OR OINTMENTS.** Control shock, if present. Launder contaminated clothing prior to reuse.

### Inhalation

Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. mouth-to-mouth). Supplemental oxygen may be indicated. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice.

### Ingestion

If conscious, administer 3-4 glasses of milk or water. **DO NOT INDUCE VOMITING.** Never give anything by mouth to an unconscious person. Seek medical advice.

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## SECTION 5 – FIRE FIGHTING MEASURES

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**Flash Point (closed cup)** >100.00 °C

**Upper Explosion Limit (UEL)** No Data

**Lower Explosion Limit (LEL)** No Data

**Autoignition Temperature** No Data

### Fire Hazard Classification (OSHA/NFPA)

Class IIIB

### Extinguishing Media

Ignition will give rise to Class B fire. In case of large fire use: alcohol foam, water spray.  
In case of small fire use: carbon dioxide (CO<sub>2</sub>), dry chemical, dry sand or limestone.

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### Special Fire Fighting Procedures

A face shield should be worn. Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. Retain expended liquids from fire fighting for later disposal. Water spray may be used to cool closed containers exposed to fire.

### Unusual Fire and Explosion Hazards

May generate toxic or irritating combustion products. Contact of liquid with skin must be prevented. Sudden reaction and fire may result if product is mixed with an oxidizing agent. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases. May generate ammonia gas. Personnel in vicinity and downwind should be evacuated.

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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### Containment Techniques (Removal of ignition sources, diking, etc.)

Shut off or remove all ignition sources. Stop the leak, if possible. Reduce vapor spreading with a water spray. Construct a dike to prevent spreading (includes molten liquids until they freeze). Ventilate the space involved.

### Clean-Up Procedures

If necessary recovery is not feasible, admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container. Transfer to containers by suction, preparatory for later disposal. Place in metal containers for recovery or disposal. Flush area with water spray. Clean-up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing. For large spills, recover spilled material with a vacuum truck.

### Other Emergency Advice

Open enclosed areas to outside atmosphere. Wear protective clothing, boots, gloves, and eye protection.

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## SECTION 7 – HANDLING AND STORAGE

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### Storage

Keep away from acids, oxidizers, heat, flames, sparks.  
Handle containers carefully to prevent damage and spillage.  
Material should be kept in original containers.  
Keep in cool, dry, ventilated storage and in closed container.

Smoking, high heat and open flames should not be permitted in storage areas.  
Storage area to be adequately ventilated.

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Product may partially freeze with extended exposure to cold temperatures, resulting in crystallization, haziness or separation. If this occurs, product should be warmed to 100-140°F. (38-60°C.) for one hour and stirred until clear.

## Handling

- Avoid contact with skin or eyes.
- Avoid breathing of vapors.
- Handle in well-ventilated workspace.
- Use personal protection as shown in Section 8.
- When handling, do not eat, drink or smoke.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Controls</b>	General Local Exhaust recommended.
<b>Eye Protection</b>	Full face shield with goggles underneath.
<b>Hand Protection</b>	Neoprene rubber gloves. Impermeable gloves. Cuffed butyl rubber gloves. Nitrile rubber gloves.
<b>Respiratory Protection</b>	Gas and vapor removing, air purifying respirator (cartridge)
<b>Protective Clothing</b>	Impervious clothing. Slicker suit. Rubber boots. Full rubber suit (rain gear). Butyl or latex protective clothing.
<b>Work and Hygienic Controls</b>	Provide readily accessible eye wash stations and safety showers. Wash at the end of each workshift and before eating, smoking, or using the toilet. Promptly remove clothing that becomes contaminated. Discard contaminated leather articles, which may be saturated or unable to be cleaned.

## SECTION 9 – TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b>	Mobile Liquid
<b>Color:</b>	Straw Yellow
<b>Odor:</b>	Amoniacal, Irritating
<b>pH</b>	Alkaline
<b>Vapor Pressure (mm Hg at 21 °C (70 °F))</b>	No Data
<b>Vapor Density (Air = 1)</b>	No Data
<b>Boiling Point</b>	> 315.00°C. ( 608°F.)
<b>Melting Point</b>	No Data

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Solubility in Water	0.00%
Specific Gravity (H <sub>2</sub> O = 1.0)	0.96
Molecular Weight	210

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## SECTION 10 – STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable
<b>Conditions to Avoid (if unstable)</b>	Not Applicable
<b>Incompatibility (Materials to Avoid)</b>	Mineral acids, (i.e. sulfuric, phosphoric, etc.) Organic acids (i.e. acetic, citric, etc.) Oxidizing agents (i.e. perchlorates, nitrates, etc.). Sodium or calcium hypochlorite. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. A reaction accompanied by large heat release occurs when the product is mixed with acids. Heat generated may be sufficient to cause vigorous boiling creating a hazard due to splashing or splattering of hot material.
<b>Hazardous Decomposition Products (from burning, heating or reaction with other materials)</b>	Carbon monoxide in a fire. Carbon dioxide in a fire. Ammonia when heated. Nitrogen oxides in a fire. Irritating and toxic fumes at elevated temperatures. Nitric acid in a fire. Nitrogen oxide can react with water vapors to form corrosive nitric acid (TLV = 2 ppm).
<b>Hazardous Polymerization</b>	Will not occur

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## SECTION 11 – TOXICOLOGICAL PROPERTIES

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<b>Acute Oral Toxicity (LD 50, Rat)</b>	> 625.00 mg/kg (Estimate)
<b>Acute Dermal Toxicity (LD 50, Rabbit)</b>	> 2,110.00 mg/kg
<b>Acute Inhalation Toxicity (LC 50, Rat)</b>	> 10.00 mg/l/hr (No deaths) (Estimate)
<b>Other Acute Effects</b>	No Data
<b>Irritation Effects Data</b>	Corrosive to the skin of a rabbit.
<b>Chronic/Subchronic Data</b>	Sensitization has occurred in laboratory animals after repeated exposures.

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ChemLine 2400/32 and 2400/32EA

Part B (Catalyst 32)

Revision Number 1.9

Revision Date January 3, 2012

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### SECTION 12 – ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No Data
<b>Environmental Fate</b>	No Data
<b>Additional Information</b>	Waste from this product may present long term environmental hazards, thus landfill disposal must be considered less acceptable than incineration.

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### SECTION 13 – DISPOSAL CONSIDERATIONS

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**Waste Disposal** Comply with all Federal, State and Local Regulations.

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### SECTION 14 – TRANSPORTATION INFORMATION

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<b>DOT Shipping Data</b>	Refer to Bill of Lading
<b>IMO Shipping Data</b>	Refer to Bill of Lading

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### SECTION 15 – REGULATORY INFORMATION

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#### US FEDERAL REGULATIONS

##### Toxic Substance Control Act (TSCA)

All components are included in the EPA TSCA Chemical Substance Inventory.

##### OSHA Hazard Communication Standard (29 CFR 1910.1200) *hazard class(es)*

Irritant, Sensitizer.

##### EPA SARA Title III Section 312 (40 CFR 370) *hazard class*

Immediate health hazard. Delayed health hazard.

##### EPA SARA Title III Section 313 (40 CFR 372) *toxic chemicals above "de minimis" level are:*

None.

#### STATE REGULATIONS

**Proposition 65 Substances** (*component(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986"*) ----- None

**New Jersey Trade Secret Registry Number(s)** ----- None

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24 HOUR EMERGENCY NUMBER: 800-424-9300 (toll free within Continental U.S.)  
703-527-3887 (outside Continental U.S. – may be called collect)  
PRODUCT INFORMATION: 440-937-6218  
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### CANADA

DSL

Included on Inventory

WHMIS Hazard Classification

Class D Division 2B, Class E Corrosive

WHMIS Trade Secret Registry Number(s)

None

WHMIS Symbols

Test tube/hand, Stylized T

### EUROPEAN ECONOMIC COMMUNITY (EEC)

EINECS/ELINCS Master Inventory

Included on Inventory

EEC Symbol

Harmful (Xn)

EEC Risk (R) Phrases

Harmful if swallowed (R22). May cause sensitization by skin contact (R43). Irritating to respiratory system (R37). Causes severe burns (R35).

EEC Safety Phrases

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26). Wear suitable protective clothing, gloves and eye/face protection (S36/37/39). In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).

### AUSTRALIA

AICS

Included on Inventory

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## SECTION 16 – OTHER INFORMATION

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The information on this MSDS is based upon the present state of our knowledge and on current laws and regulations.

This product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

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