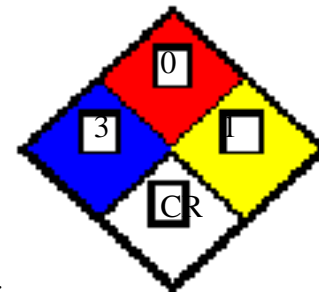


## Material Safety Data Sheet



### Product Identification and Emergency Information

Trade Name Identity: International Compound #2440-M  
Date: August 17, 2009  
Manufacturers Name: International Chemical Company  
215-739-2313  
Address: 2628 North Mascher Street  
Philadelphia, PA 19133

Emergency Telephone Number:

Chemtrec: 1-800-424-9300

Chemical Name: Not Applicable For This Mixture  
Synonyms: None  
Chemical Family: Alkaline Metalcleaning Detergent  
Appearance and Odor: Clear, Pale Yellow Liquid; Faint Pleasant Odor

### Hazardous Mixtures of Other Liquids, Solids or Gases

Reacts Vigorously with Acids

### Physical Data

Boiling Point, F.: 215 F., Minimum  
Vapor Pressure, mm Hg: 13 at 60 F.  
Vapor Density (Air =1): 0.5  
Specific Gravity (Water = 1): 1.106  
Evaporation Rate (Toluene = 1): Less than 1  
Solubility in Water: Complete

### Fire and Explosion Hazard Data

Flash Point: None  
Flammable Limits in Air: Lower: Not Applicable Upper: Not Applicable  
Extinguishing Media: Not Applicable  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

### Health Hazard Data

Threshold Limit Value: None Established  
Effects of Overexposure: Product and Solutions of Product are Corrosive to Eyes, Mucous Membranes, Skin, and Digestive Tract. Mists, If Inhaled, are Highly Irritating and Potentially Damaging to Lungs.

#### Acute Effects:

Eye Contact: Causes Burns; Small Quantities can Result in Permanent Damage with Loss or Impairment of Vision.  
Skin Contact: Causes Irritation Or Burns Upon Prolonged Or Repeated Contact. Mist from Solutions, can Cause Dermatitis.  
Ingestion: Causes Burns. Can be Fatal if not Treated.  
Inhalation: Mist Causes Irritation or Burns, Depending upon Extent of Exposure.

Chronic Effects: Same as Acute Effects

### Hazardous Components

Chemical Name: Potassium Hydroxide  
Synonyms: Caustic Potash; Lye  
Primary Routes of Entry: Skin, Inhalation  
Type of Hazard: Corrosive  
OSHA Permissible Exposure Limit (Time Weighted Average, 8-Hour Day): Not Regulated  
ACGIH TLV (Time Weighted Average, 8 Hour Day): 2 mg per Cubic Meter, Ceiling (Inhalation)

Chemical Name: Monoethanolamine  
Synonyms: Ethanolamine; MEA  
Primary Routes of Entry: Skin, Inhalation  
Type of Hazard: Corrosive, Repeated Overexposure May Damage Liver And Kidneys  
OSHA Permissible Exposure Limit (Time Weighted Average, 8-Hour Day): 3 ppm (Inhalation)  
ACGIH TLV (Time Weighted Average, 8 Hour Day): 3 ppm (Inhalation)

### Toxic Chemical Release Reporting

The Following Chemicals In This Product Are Subject To Reporting Under Section 313 Of Sara Title III;

<u>Chemical</u>	<u>CAS Number</u>	<u>Maximum Concentration Percent by Weight</u>
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None

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I.C. #2440-M(Continued)

### **Emergency and First Aid procedures**

Eyes: Flush with Clear Water for at least 15 minutes, with Eyelids Open, until Physician Arrives.

Skin: Remove contaminated clothing. Flush affected area with clear water until slippery feeling disappears. Call physician if irritation persists.

Ingestion: If patient is conscious, administer fruit juice or vinegar in water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Call physician immediately.

Inhalation: In event of gross overexposure to mechanically generated mists, remove to fresh air. No other first aid usually required. Call physician if irritation persists.

### **Reactivity Data**

Stability: Stable

Conditions To Avoid: Avoid Contact with Oxidizing Agents and Acids.

Hazardous Decomposition Products: None

Polymerization Potential: Not Present

### **Spill or Leak Procedures**

Steps To Be Taken If Material is Released or Spilled:

Use Trained Personnel Equipped with Appropriate eye, respiratory and skin protection (see special protection information, below). Contain spillage and transfer to approved salvage containers. Flush area with dilute weak acid, if available, followed by water. Avoid splashing or misting.

Drainage must have retention basins for neutralization before discharge.

Waste disposal Method:

Adjust pH of solutions to between 6.0 and 8.0, release only after assuring compliance with all applicable disposal regulations

### **Special Protection Information**

Respiratory Protection: None Required under Most Use Conditions. NIOSH Approved Particulate Respirator (Dust/Mist) if Process or Handling of Product Generates Mists or Spray in Work Area. Refer to 29 CFR 1910.134 to Assure Compliance

Ventilation: Provide Adequate Ventilation to Keep Mist below 5 MG Per Cubic Meter.

Protective Gloves: Neoprene, Nitrile Rubber, or Plastic

Eye Protection: Chemical Splash Goggles or Face Shield.

Other Protective Equipment: Rubber or Plastic Outer Garment, Rubber Boots. Eye Wash Station and Safety Shower. Equipment must be in Accordance with 29 CFR 1910.132 and 29 CFR 1910.133.

### **Special Precautions**

Precautions to be Taken in Handling and Storing:

Store Indoors in Dry, Cool Area. Avoid Freezing. Keep Container Sealed. Avoid Contact with Skin and Wash Thoroughly after Handling.

Avoid Breathing Mechanically Generated Mists. Abundant Water must be Available in Handling Area.

Other Precautions:

Do not Permit Employees to Handle Product without Training and Proper Protective Equipment. Read Material Safety Data Sheet Before using Product.

Wash with Soap and Water before Eating, Drinking, Smoking, or using Toilet Facilities.

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