

## **Material Safety Data Sheet**

Trade Name Identity: International Anti-Rust #99

Date: July 21, 2008

Manufacturers Name: International Chemical Company

Address: 2628 North Mascher Street

Philadelphia, PA 19133

Emergency Telephone Number: 215-739-2313

Chemtrec: 1-800-424-9300

Chemical Name: Not Applicable For This Mixture

Synonyms: None

Chemical Family: Rust Inhibitor, Mineral Spirits Vehicle

Appearance and Odor: Transparent Amber Liquid; Mild Mineral Spirits Odor

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

None

### **Physical Data**

Boiling Point, F: 365, Minimum

Vapor Pressure, mm Hg: 0.52 at 68 F.

Vapor Density (Air =1): Approximately 5.7

Specific Gravity (Water = 1): 0.82

Evaporation Rate (Toluene = 1): Approximately 0.1

Solubility in Water: Negligible

### **Fire and Explosion Hazard Data**

Flash Point: 145 Minimum, Tag Closed Cup

Flammable Limits in Air: Lower: 0.7%; Upper: 5.3%

Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Mist or Fog

Special Fire Fighting Procedures: Cool Drums with Water Spray. Avoid Breathing Vapors or Fumes. Use Self-Contained Breathing Apparatus in Enclosed Areas.

Unusual Fire and Explosion Hazards: Sealed Containers may explode if involved in Fire. Empty Containers Retain Product Residue and May Explode if Welded, Heated, Pressurized, or Exposed to Flame. Mists or Sprays may be Ignited by Spark or Flame at Temperatures below the Normal Flash Point.

### **Health Hazard Data**

Threshold Limit Value: 100 ppm (Inhalation)

Effects of Overexposure: Product is Irritating to Eyes and Mucous Membranes and may be Irritating to Skin and Digestive Tract, Depending upon Extent of Exposure. Vapors or Mists, if inhaled, may be Irritating to Lungs and Affect the Nervous System.

Acute Effects:

Eye Contact: Causes Severe Irritation.

Skin Contact: Will Defat the Skin, Causing Drying and Possible Irritation. May Cause Dermatitis upon Prolonged or Repeated Contact.

Ingestion: Causes Irritation and Nausea.

Inhalation: Inhalation of High Vapor Concentrations Causes Irritation, Dizziness, Headaches, Nausea. Unconsciousness may Result from Extreme Overexposure.

Chronic Effects: Same as Acute Effects

### **Hazardous Components**

Chemical Name: Petroleum Distillate

Synonyms: Aliphatic Hydrocarbon Solvent

Primary Routes of Entry: Skin, Inhalation

Type of Hazard: Combustible Liquid; Central Nervous System Depressant; Irritant

OSHA Permissible Exposure Limit (Time Weighted Average, 8-hour Day): 100 ppm (Inhalation)

ACGIH TLV (Time Weighted Average, 8-Hour Day): 100 ppm (Inhalation)

I. A.R. #99 (Continued)

### 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>
Barium Compounds	7440-39-3	10

### Emergency and First Aid procedures

Eyes: Flush with Clear Water for at least 15 Minutes, with Eyelids Open. Call Physician if Irritation Persists.

Skin: Remove Contaminated Clothing. Wash Affected Area Thoroughly with Soap and Water.

Ingestion: If Patient is Conscious, Administer Water and Induce Vomiting. Do not give anything by Mouth to an Unconscious Person. Call Physician Immediately.

Inhalation: If Overcome by Vapor Remove to Fresh Air. Call Physician If Breathing has stopped or is irregular. Apply Artificial Respiration and Administer Oxygen.

### Reactivity Data

Stability: Stable

Conditions To Avoid: Avoid Contact with Oxidizing Agents, Open Flames, Very Hot Metal Surfaces.

Hazardous Decomposition Products Thermal Decomposition Produces Carbon Dioxide, Carbon Monoxide, Oxides of Sulfur and Smoke.

Polymerization Potential: Not Present

### Spill or Leak Procedures

Steps To Be Taken If Material is Released or Spilled:

Ventilate Area and Eliminate All Open Flames, and Other Sources of Ignition. Use Trained Personnel Equipped with Appropriate Eye, Respiratory and Skin Protection (See Special Protection information below). Contain Spillage and Transfer to Approved Salvage Containers. Keep Out of Watercourses. Residue may be absorbed with Inert Material such as Sand, Clay, or Earth.

Waste Disposal Method:

Incinerate under Controlled Conditions or Dispose of at Approved Disposal Site or Facility. Assure Conformity with all Applicable Disposal Regulations.

### Special Protection Information

Respiratory Protection: None Required under Most use Conditions. Use Only with Adequate Ventilation. Use NIOSH-Approved Hydrocarbon Vapor Canister or Supplied-Air Equipment, if needed, in Enclosed Spaces or Confined Areas or in High Vapor Concentrations where the TLV is exceeded. Refer to 29 CFR 1910.134 to Assure Compliance.

Ventilation: Provide Adequate Ventilation to Avoid Vapor Concentrations Exceeding the TLV in Employee Work Areas.

Protective Gloves: None Required. Solvent Resistant Rubber or Plastic Recommended where Prolonged or Repeated Contact is expected.

Eye Protection: Chemical Splash Goggles or Safety Glasses with Side Shields.

Other Protective Equipment: Solvent Resistant Rubber or Plastic Outer Garment and Boots where Saturation of Clothing and Footwear is Possible. Eye Wash Station. 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 away from Sparks, Open Flames and Excessive Heat. Keep Container Sealed. Replace Closure after each Withdrawal. Make sure Closure is sealed before Moving Container. Avoid Prolonged or Repeated Contact with Skin and Wash Thoroughly after Handling.

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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Launder Contaminated Clothing before Reuse.

Remove Contaminated Shoes and Dry Before Reuse.

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