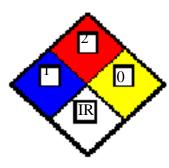
## Material Safety Data Sheet



Trade Name Identity: International Anti-Rust #77-C Date: January15, 2009 Manufacturers Name: International Chemical Company Address: 2628 North Mascher Street Philadelphia, PA 19133 Chemical Name: Not Applicable For This Mixture Synonyms: None Chemical Family: Rust Inhibitor, Isoparrafinnic hydrocarbon carrier Appearance and Odor: Transparent Amber Liquid; Mild Solvent Odor

None

# Physical Data

Hazardous Mixtures of Other Liquids, Solids or Gases

Boiling Point, F: 360, Minimum Vapor Pressure, mm Hg: 3.0 Maximum at 100F. Vapor Density (Air =1): Approximately 5.2 Specific Gravity (Water = 1): 0.83 Evaporation Rate (Toluene = 1): Less than 0.1 Solubility in Water: Negligible

## Fire and Explosion Hazard Data

Flash Point: 150 Minimum , Cleveland Open Cup

Flammable Limits in Air: Lower: 1.0%; Upper: 7.0%

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: None Synonyms: Petroleum Hydrocarbon Primary Routes of Entry: Skin, Inhalation Type of Hazard: Irritant, Combustible Liquid OSHA Permissible Exposure Limit (Time Weighted Average, 8-hour Day): 100 ppm (Inhalation) ACGIH TLV (Time Weighted Average, 8-Hour Day): 100 ppm (Inhalation)

Chemical Name: Mineral Oil Synonyms: Not Applicable Primary Routes of Entry: Inhalation Type of Hazard: May reduce Lung Capacity OSHA Permissible Exposure Limit (Time Weighted Average, 8-Hour Day): 5 mg per Cubic meter (Inhalation) ACGIH TLV (Time Weighted Average, 8-Hour Day): 5 mg per Cubic meter (Inhalation) None

## **Toxic Chemical Release Reporting**

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

Chemical	CAS Number	Maximum Concentration
		Percent by Weight

#### **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. Do Not 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 Immediately. 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, Sparks, 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 Sparks, 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. Avoid Splashing Or Misting. 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 Concentration 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 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 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. Avoid Breathing Vapors.

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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