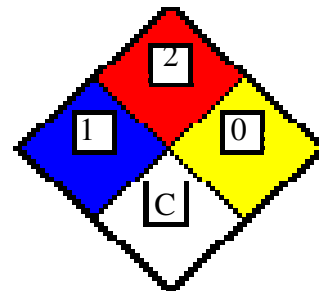


MATERIAL SAFETY DATA SHEET

Product Identification and Emergency Information



Trade Name Identity: International Anti-Rust #77-C
Specification Date: May 19, 2011
Manufacturers Name: International Chemical Company
Address: Old No. 10, New No 4B, Auchuthan Nagar,
II Street, II Cross, Ekkaduthangal, Chennai - 600 097
Chemical Name: Not Applicable For This Mixture
Synonyms: None
Chemical Family: Rust Inhibitor, Solvent Vehicle
Appearance and Odor: Transparent Amber Liquid; Mild Solvent Odor

Telephone 04443542175
Website www.adduco.in
Email cs@adduco.in

Hazardous Mixtures of Other Liquids, Solids or Gases

None

Physical Data

Boiling Point, F: 360, Minimum
Vapor Pressure, mm Hg: 3.0 Maximum at 100 F.
Vapor Density (Air =1): Approximately 5.2
Specific Gravity (Water = 1): 0.82
Evaporation Rate (Toluene = 1): Less than 0.1
Solubility in Water: Negligible

Fire and Explosion Hazard Data

Flash Point: 115 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: 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)

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)

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>
None	-	-

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 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.

Acute Toxicity

<u>Route of Exposure</u>	<u>Conclusion / Remarks</u>
Inhalation	
Toxicity: Data available.	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: Data available.	Negligible hazard at ambient/normal handling temperatures. Based on test data for structurally similar materials.
Ingestion	
Toxicity: LD50 > 15000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Skin	
Toxicity: LD50 > 3160 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: Data available.	Mildly irritating to skin with prolonged exposure. Based on test data for structurally similar materials.
Eye	
Irritation: Data available.	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials.

AR #77-C (Continued)

Ecological Information

ECOTOXICITY

Material -- Not expected to be harmful to aquatic organisms.

Material -- Not expected to demonstrate chronic toxicity to aquatic organisms.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Material -- Expected to be readily biodegradable.

Hydrolysis:

Material -- Transformation due to hydrolysis not expected to be significant.

Photolysis:

Material -- Transformation due to photolysis not expected to be significant.

Atmospheric Oxidation:

Material -- Expected to degrade rapidly in air

OTHER ECOLOGICAL INFORMATION

VOC (EPA Method 24): 6.476 lbs/gal

Transport Information

LAND (DOT)

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Hazard Class & Division: COMBUSTIBLE LIQUID

ID Number: 1993

Packing Group: III

ERG Number: 128

Label(s): NONE

Transport Document Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

Footnote: The flash point of this material is greater than 100 F. Regulatory classification of this material varies. DOT: Flammable liquid or combustible liquid. OSHA: Combustible liquid. IATA/IMO: Flammable liquid. This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

LAND (TDG)

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Hazard Class & Division: 3

UN Number: 1993

Packing Group: III

Footnote: In containers of 454 litres or less this material is exempt from TDG regulations.

SEA (IMDG)

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Hazard Class & Division: 3

EMS Number: F-E, S-E

UN Number: 1268

Packing Group: III

Label(s): 3

Transport Document Name: UN1993, PETROLEUM DISTILLATES, N.O.S., 3, PG III, (40°C c.c.)

AIR (IATA)

Proper Shipping Name: PETROLEUM DISTILLATES, N.O.S.

Hazard Class & Division: 3

UN Number: 1268

Packing Group: III

Label(s) / Mark(s): 3

Transport Document Name: UN1993, PETROLEUM DISTILLATES, N.O.S., 3, PG III

AR #77-C (Continued)

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.

Launder Contaminated Clothing before Reuse.

Disclaimer: The information-contained herein has been compiled from sources considered to be dependable and is accurate as of the date issued. However, since data, safety standards, and governmental regulations are subject to change and the conditions of handling and use are beyond the control of International Chemical Company and/or any of its representatives, International Chemical Company makes no warranty regarding the accuracy of such information or its suitability for any purchasers and/or users for any consequence of its use. The information and data contained in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material. Safe handling and use remains the responsibility of the purchaser and/or user and the purchaser and/or user has the sole responsibility to determine the suitability of the materials for any use and the manner of the use contemplated. International Chemical Company assumes no responsibility for injury to the recipient or to third persons for any damage to any property and the recipient assumes all such risks.