

Material Safety Data Sheet

Trade Name Identity: ROYSON #55-SM

Print Date: 1/1/10

Manufacturers Name: ROYSON ENGINEERING COMPANY

Emergency Telephone Number: 215-675-2800

Address: 100 N. PENN ST.

HATBORO,PA. 19040

Chemical Name: Not Applicable For This Product

Synonyms: None

Chemical Family: Acidic Metal finishing Detergent and Lubricant

Appearance and Odor: Red Liquid; Sour Odor

Hazardous Mixtures of Other Liquids, Solids or Gases

None

Physical Data

Boiling Point, °F.: 212, Minimum

Vapor Pressure, mm Hg: ND

Vapor Density (Air = ND)

Specific Gravity (Water = 1): 1.056

Evaporation Rate (Toluene = 1): ND

Solubility in Water: Complete

Ph 4.9

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 Irritating to Eyes, and May be Irritating to Mucous Membranes, Skin and Digestive Tract. Mists, if Inhaled, May be Irritating to Lungs.

Acute Effects:

Eye Contact: Causes Severe Irritation.

Skin Contact: May Cause Irritation upon Prolonged or Repeated Contact. Mist from Solutions may Cause Dermatitis.

Ingestion: May Cause Irritation and Nausea.

Inhalation: Inhalation of Mists Causes Irritation.

Chronic Effects: Same as Acute Effects

<u>Chemical</u>	<u>CAS Number</u>	<u>Hazardous Component</u>	
		<u>TLV (UNITS)</u>	<u>Maximum Concentration</u>
Citric Acid	77-92-9	ND	7
Sodium Hydroxide	1310-73-2	2mg/m3	2.3

Toxic Chemical Release Reporting

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

Percent by Weight

None

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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. Flush affected area thoroughly with clear water.

Ingestion: If patient is conscious, administer milk or milk of magnesia in water. 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 alkalis.

Hazardous Decomposition Products: Oxides of carbon and nitrogen

Polymerization Potential: Not Present

Incompatible materials: Strong Acids, bases or oxidizers

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 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. Use with Adequate Ventilation. 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 Meet TLV Requirements

Protective Gloves: None Required. Rubber or Plastic Recommended when Handling Concentrate.

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

Other Protective Equipment: Rubber or Plastic Outer Garment Where Saturation of Clothing 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. Avoid Freezing. Keep Container Sealed. Avoid Contact with Skin and Wash Thoroughly after Handling. Avoid Breathing Mists. Avoid Contact With Skin And Wash Thoroughly after Handling. Abundant Water must be Available in Handling Areas.

Other Precautions:

Use with Adequate Ventilation.

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.

Laundry Contaminated Clothing before Reuse.

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