

**MATERIAL SAFETY DATA SHEET (MSDS)**

**SUPER RUST PENETRANT No. 78607**

PRODUCT HAZARD RATINGS (HMIS): - Health = 2\*, Fire = 4, Reactivity = 1 Protective Equipment = B  
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, \* = Chronic Hazard)

**SECTION I**

**SUPER RUST PENETRANT No. 78607**

Manufactured for Kar Products • 461 N. Third Avenue • Des Plaines, IL 60016

Telephone number for information: (800) 527-7763 • For emergency medical information call: (800) 752-7869 Ext. 15

PREPARED BY: Ron Cepa DATE PRINTED: 11/19/01

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Chemical Names	CAS #	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
Deodorized kerosene	64742-47-8	No	100 ppm*/ NE	NE / NE	60-70
Stoddard solvent	8052-41-3	No	100 ppm/ NE	500 ppm/ NE	10-20
Propane	68476-85-7	No	2500 ppm/ NE	1000 ppm/ NE	10-20

Balance of ingredients are non-hazardous or below reportable levels.

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Point: NA Vapor Pressure (psig): 98 @ 130F / 45 @ 70F Specific Gravity (H20=1): 0.7657 pH: NA Solubility/Water: Negligible  
Vapor Density (AIR=1): ND Evaporation Rate (Ether=1): ND Appearance and Odor: Aerosol spray with characteristic odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Aerosol Flammability: Product is to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45  
Flashpoint: <DF (Propellant); >104F (Concentrate) Flammable Limits - % Volume In Air (Propellant): LEL: 2.2 UEL: 9.5  
Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical. Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers. Unusual Fire and Explosion Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

**SECTION V - REACTIVITY DATA**

Stability/Stable: Hazardous Polymerization: NA Incompatibility (Materials to Avoid): Oxidizing agents, reducing agents, acids, bases. Hazardous Decomposition Products: Carbon monoxide, carbon dioxide. Conditions to Avoid: Keep away from heat, sparks, flames, and electric arcs. Dropping of containers may cause bursting.

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry - Inhalation: X Eyes: X Skin: X Ingestion:  
HAZARDS IDENTIFICATION: EYES: May cause moderate irritation. SKIN: May cause mild irritation. INHALATION: Irritating to eyes, nose and respiratory tract. Can cause dizziness, headaches and incoordination. Under misuse or intentional misuse, product may cause asphyxiation. INGESTION: Irritating to the mouth, throat and stomach. May cause nausea, vomiting, pain, and stomach upset (e.g., diarrhea). AGGRAVATED MEDICAL CONDITIONS: None Known. CHRONIC EFFECTS/TARGET ORGANS: Liver, Kidneys, Lungs and/or respiratory system. EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention. SKIN: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention. INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. Never give anything by mouth to an unconscious person. INGESTION: Get immediate medical attention. Do NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. CARCINOGENICITY: No regulated ingredients. TOXICITY INFORMATION: Deodorized kerosene: LD50 Oral (Rat): >39,000 mg/kg LD50 Dermal (Rabbit): 2000-4000 mg/kg

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Releases or Spills: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material. Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations. Handling And Storing: Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C). Store as Level 3 Aerosol (NFPA 30B). Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

**SECTION VIII - EMPLOYEE PROTECTION**

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure. Ventilation: General ventilation is adequate under normal conditions; mechanical ventilation is optional. Protective Gloves: Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation. Eye Protection: Safety glasses are recommended. Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact. Work/Hygiene Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

**SECTION IX - OTHER REGULATORY CONTROLS**

FEDERAL: Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.  
STATE RIGHT-TO-KNOW: Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

Deodorized kerosene	64742-47-8
Stoddard solvent	8052-41-3
Hydrotreated heavy naphthenic distillates	64742-52-5
Propane	68476-85-7

**SECTION X - TRANSPORTATION (D.O.T. CLASSIFICATION)**

Shipping Name: Consumer Commodity Hazard Class: ORM-D  
NG - Negligible NA - Not Applicable NE - Not Established UN - Unavailable ND - Not Determined  
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