



Date:	01/01/09	MSDS No:	
Supersedes:			
Trade Name:			
Sizes:	All		

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTIFICATION

Manufacturer/Supplier: Dial Manufacturing, Inc. 25 S. 51st Avenue Phoenix, Arizona 85043 Tel. No.: (602) 278-1100	Product Name:	<i>RUST BUSTER</i>
	Product Type:	Paraffinic/Napthenic Solvent
	Product Number:	5715

SECTION II – HAZARDOUS MATERIALS

This product is described by OSHA as a combustible, and it is also described by SARA 311/312 as a “fire hazard”. It contains no chemicals in any quantity that would subject it to re-reporting procedures as mandated by SARA 302 or SARA 313.

Ingredients:	CAS No.
Distillates (Petroleum), hydrotreated light	#64742-47-8

SECTION III – PHYSICAL DATA

Boiling Point:	368°-405°F	Solubility in Water	Negligible
Vapor Pressure:	1.1 @ 100°F	Specific Gravity:	0.809 @ 60°F
Melting Point:	<103°F	Vapor Density:	5.2
Appearance:	Water White, Oily Liquid	Odor:	Hydrocarbon

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

DOT Flammability Classification:	Not Regulated	Flash Point (Test Method):	146°F
		Auto-Ignition Temp:	N/A
Flammable Limits in Air:	By % volume, approximately 0.7 for lower limit and 7 for upper limit.		
Extinguishing Media:	Use water spray, dry chemical, or alcohol compatible foam.		
Fire and Explosion Hazards:	This fluid is described as an NFPA class III a combustible fluid.		
Fire Fighting Procedures:	Special fire fighting procedures should be used to cool exposed equipment with water spray until long after fire is out. Self-contained breathing apparatus (SCBA) and structural fire fighter’s protective clothing will provide limited protection.		

SECTION V – EMERGENCY MEDICAL PROCEDURES

Skin Contact:	Immediately flush with running water and wash with soap and water. Remove contaminated clothing and shoes; wash before re-use. Seek medical aid if irritation persists after washing.
Eye Contact:	Immediately flush eyes with running water for 15 minutes, lifting the upper and lower eyelids occasionally. Seek medical aid immediately.
Ingestion:	Do not induce vomiting. If conscious, drink large quantity of milk, egg whites or gelatin. If these are not available, drink large quantities of water. Seek medical aid immediately.

SECTION VI – EMERGENCY & FIRST AID PROCEDURES

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek immediate medical attention.
Skin Contact:	Flush skin with plenty of water. Remove contaminated clothing. Call a physician if irritation persists. Wash clothing before reuse.
Inhalation (Breathing):	Remove patient to fresh air. If not breathing, give artificial respiration and seek immediate medical attention. Oxygen should be administered only by trained personnel.
Ingestion (Swallowing):	If swallowed, call a physician immediately. Never induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person.

SECTION VII – TOXICITY DATA

Eye Contact:	Primary Eye Irritation Index (Rabbit): Maximum average score - 3.0 after one hour (max. 110).
Skin Contact:	Primary Skin Irritation Index (Rabbit): 1.2 of 8 Acute Dermal Toxicity (Rabbit): LD50 2.0 - 4.0 gm/kg for a similar product.
Inhalation (Breathing):	No toxicity observed in rats exposed to this product for four hours, to 2 mg/1.

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Ingestion (Swallowing):	Acute Oral Toxicity (Rat): LD50 >5.0 gm/kg.		
Special Precautions:	May cause skin irritation.		
SECTION VIII – POTENTIAL ADVERSE HEALTH EFFECTS			
Eye Contact:	Liquid contact of this fluid to eyes may cause irritation.		
Skin Contact:	Repeated or prolonged contact with liquid may cause irritation, reddening and dermatitis.		
Inhalation (Breathing):	High vapor concentrations of this fluid may cause headaches, stupor, irritation of throat and eyes, and also adverse kidney effects. Extreme aspiration into lungs may cause critical pneumonia and/or death.		
Ingestion (Swallowing):	This product has a low order of toxicity when ingested, but it does cause irritation of the stomach and intestines, possibly resulting in nausea and vomiting.		
SECTION IX – SPECIAL PROTECTION INFORMATION			
Ventilation:	Air contaminant levels should be controlled below the PEL (100 ppm, 525 mg/m3 for 8-hour TWA) or TLV for this product. Mechanical ventilation may be needed if this product is used in an enclosed place.		
Respiratory Protection:	Use NIOSH-approved organic vapor air purifying respirator, self-contained breathing apparatus and/or air supplied respirator, depending upon the concentration of product present.		
Eye Protection:	When contact with liquid may occur, please use a face shield and chemical goggles. Otherwise use safety glasses.		
Skin Protection:	Chemical gloves should be worn in order to prevent repeated contact with skin. If the potential for significant exposure to skin, eyes and lungs concerning this liquid exists, use full protective clothing in addition to chemical boots.		
SECTION X – REACTIVITY DATA			
Conditions Contributing to Instability:	High temperatures.		
Incompatibility (Materials to Avoid):	May react with strong oxidizers.		
Hazardous Decomposition Products:	None		
Hazardous Polymerization:	Will not occur		
SECTION XI – SPILL OR LEAK PROCEDURES			
Precautions in case of Release or Spill:	Absorb a spill with inert material, then place in chemical waste container. For large spills, contain and pick up fluid just as soon as possible. Dispose of fluid according to local, state and federal regulations.		
Waste Disposal Method:	If discarded in its purchased form, this product is not designated as an RCRA hazardous waste. Current evaluation of the product may be required by the user at the time of disposal, since the utilization of the product, as well as the transformations and mixtures that have taken place during use, may change the above mentioned classification.		
SECTION XII – TRANSPORTATION & STORAGE DATA			
D.O.T. Shipping Name:	Petroleum Distillates, n.o.s.	Electrostatic Accumulation Hazard:	None
D.O.T. Hazard Class:	Combustible Liquid	Temperature:	Ambient
D.O.T. ID Number:	UN 1268	Pressure:	Ambient
Packing Group:	III	Viscosity:	1.8 cST@70°F/1.4 cST@100°F

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