

MATERIAL SAFETY DATA SHEET

Radiator Specialty Company

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MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration.
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

SECTION I GENERAL INFORMATION

PRODUCT NAME	WIRE DRYER (AEROSOL)
PARTS NUMBER	M13-06

NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT. %	C.A.S. NO.	TLV (ACGIH xxxx OSHA ----)
Aliphatic Petroleum Distillate*	85-90	8052-41-3	100ppm (Air)
2-Butoxy-1-Ethanol	1-2	111-76-2	25ppm (Skin)
Naphthenic Petroleum Oil Mixture	8-9	64742-53-6/64742-52-5	5mg/m3 (Mist)
Tertiary Amine	1-2	95-38-5	NDA
Carbon Dioxide* (Propellant)	3-4	124-38-9	5000ppm (Air)

Comments: *Suspected CARCINOGEN by National Toxicology Program (NTP)

Components not identified are non-hazardous according to 29 CFR 1910.1200

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H2O = 1)	0.78-0.80	pH	8-9
Solubility in Water	Emulsifies	Solubility in Solvent	N/A
Flash Point (Method) - F°	Greater Than 125°F	% Volatiles By Wt.	Approx. 80%
Melting Point - F°	NDA	Boiling Point - F°	Greater Than 250°F
Vapor Pressure (mmHg)	NDA	Vapor Density (Air = 1)	NDA
Evaporation Rate (Butyl Acetate = 1)	NDA		
Appearance and Odor	Dark liquid with petroleum odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:	Caution: COMBUSTIBLE!!!
Water Fog _____	Foam <u>XXX</u> CO2 <u>XXX</u> Dry Chemical <u>XXX</u>
SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes. Water spray to cool containers. Shield to protect eyes from venting, rupturing and bursting cans.	
UNUSUAL FIRE AND EXPLOSION HAZARDS CONTENTS UNDER PRESSURE!!! At elevated temperatures, containers may vent, rupture, or burst, even violently.	

SECTION V REACTIVITY DATA

Stable <u>XXX</u> Unstable _____ Corrosive <u>no</u> Hazardous Polymerization? Yes _____ No <u>XXX</u>
Incompatibilities Oxidizing agents, and acids.
Hazardous Decomposition or Byproducts Fire: Normal products of combustion; carbon dioxide, carbon monoxide, smoke, and Nitrogen and Sulfur Oxides.

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product 5mg/m ³ (Mist) Naphthenic Petroleum Mixture	
EYE CONTACT Irritant. Can cause permanent damage with over exposure.	SKIN CONTACT Irritant. Prolonged exposure can cause dryness and dermatitis.
INHALATION Excessive inhalation can cause respiratory and lung irritation. Narcosis	INGESTION HARMFUL OR FATAL IF SWALLOWED! Can cause gastric disturbance, nausea.
OTHER Caution: COMBUSTIBLE (CONTENTS UNDER PRESSURE)	

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT Flush with water for 15 minutes thoroughly, while lifting eyelids. Consult physician.
SKIN CONTACT Wash with soap and water thoroughly. Remove contaminated clothing and laundry before re-use.
INHALATION Move to fresh air. If breathing difficult, administer oxygen. If breathing has stopped, apply artificial respiration. Consult physician
INGESTION DO NOT INDUCE VOMITING!!! Get medical attention immediately. DO NOT ADMINISTER EPINEPHRINE OR ADRENALIN!!!

SECTION VIII SPECIAL PROTECTION INFORMATION

CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION N/A	If TLV is exceeded, wear NIOSH approved respirator.
VENTILATION Use with adequate ventilation.	General
EYE PROTECTION N/A	Wear fully protective goggles or face shield.
PROTECTIVE CLOTHING N/A	Solvent resistant gloves and apron.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE Observing health hazards described above, ventilate area, remove ignition sources. Confine spill, wipe up with rags and transfer to waste drum.
WASTE DISPOSAL METHOD Dispose of in accordance with all applicable government laws and regulations.
STORAGE AND HANDLING PRECAUTIONS Store in cool place below 110°F away from acids, ignition sources, and oxidizing agents.
OTHER PRECAUTIONS WEARING CONTACT LENSES IS INADVISABLE!!! DO NOT INCINERATE OR PUNCTURE CONTAINERS!!! KEEP AWAY FROM CHILDREN AND ANIMALS.

Supersedes August, 1986OSHA Revised April, 1987Title L. Liebman/Technical Director

HAZARD INFORMATION LABEL DATA	
HAZARD CODE	FLAMMABILITY
4-Extreme	2
3-High	2
2-Moderate	0
1-Slight	Pr
0-Negligible	SPECIAL
HEALTH	REACTIVITY

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance hereon. The data is offered solely for your information, investigation, and verification.