

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	WINDSHIELD WASHER SOLVENT
PARTS NUMBER	M5-06

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 ——— OSHA ———)	
Isopropanol	20-30	67-63-0	400 ppm TWA	500ppm STEL

Comments:

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H2O = 1) <u>.96</u>	pH <u>Slightly alkaline</u>
Solubility in Water <u>Soluble</u>	Solubility in Solvent <u>Alcohols</u>
Flash Point (Method) - F° <u>80 (TCC)</u>	% Volatiles By Wt. <u>>99</u>
Melting Point - F° <u>15</u>	Boiling Point - F° <u>210</u>
Vapor Pressure (mmHg) <u>Not available</u>	Vapor Density (Air = 1) <u>1.4</u>
Evaporation Rate (Butyl Acetate = 1) <u>.3</u>	
Appearance and Odor <u>Blue liquid with alcohol-ammonia odor</u>	

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:
Water Fog XXX Foam XXX CO2 XXX Dry Chemical XX

SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None known

SECTION V REACTIVITY DATA

Stable <u>XXX</u> Unstable _____ Corrosive <u>NO</u> Hazardous Polymerization? Yes _____ No <u>XX</u>
Incompatibilities Strong acids
Hazardous Decomposition or Byproducts Fire: carbon dioxide, carbon monoxide

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product 25 ppm	
EYE CONTACT Slight irritant	SKIN CONTACT Extended contact can cause dermatitis
INHALATION Irritation of nose and throat	INGESTION Slightly toxic. Stomach cramps, nausea, vomiting may occur.
OTHER No effects of repeated exposure are known. Overexposure to skin may irritate existing dermatitis.	

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Immediately flush eyes with water for several minutes. Obtain medical attention if irritation persists.
SKIN CONTACT	Remove contaminated clothing and wash with soap and water.
INHALATION	Remove to fresh air. Obtain medical attention if breathing is difficult.
INGESTION	Give two glasses of water and induce vomiting. Obtain medical attention without delay.

SECTION VIII SPECIAL PROTECTION INFORMATION

CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION None	Wear NIOSH approved respirator if TLV is exceeded.
VENTILATION Use with ventilation.	Local
EYE PROTECTION None	Safety goggles
PROTECTIVE CLOTHING None	Rubber gloves and apron

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE	Use protection above, remove ignition sources, ventilate area, confine spill, wipe up with rags and put in waste.
WASTE DISPOSAL METHOD	Dispose of in accordance with all applicable government laws and regulations.
STORAGE AND HANDLING PRECAUTIONS	Store in cool dry place
OTHER PRECAUTIONS	Keep away from children. Wearing contact lenses is not advised.

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

Supersedes Aug 90OSHA Revised June 1991Title I. Liebman, Tech. Director

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