

MATERIAL SAFETY DATA SHEET

Radiator Specialty Company

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POISON INFORMATION & EMERGENCY: 303-623-5716

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.

US DEPARTMENT OF LABOR

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

SECTION I GENERAL INFORMATION

PRODUCT NAME VALVE-MEDIC ®
PART NUMBER M37 -12

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	85-91	68476-34-6	100 ppm (Air)*
Naphthenic Petroleum Oil Mixture	9-10	64742-53-6/64742-52-5	5 mg/m ³ (Mist)

Comments:

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H ₂ O=1)	0.863	pH	N/A
Solubility in Water	Insoluble	Solubility in Solvent	Petroleum
Flash Point (Method) - F ^o	Greater than 140 ^o F. (TCC)	% Volatiles By Wt.	Greater than 90%
Melting Point - F ^o	N/A	Boiling Point - F ^o	Approx. 240°F
Vapor Pressure (mmHg)	N/A	Vapor Density (Air=1)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A		
Appearance and Odor	Black oily Suspension with petroleum odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:	Caution: COMBUSTIBLE!		
Water Fog	Foam XX	CO ₂ XX	Dry Chemical XX

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

UNUSUAL FIRE AND EXPLOSION HAZARDS None known

M37

SECTION V REACTIVITY DATA

Stable	XX	Unstable	Corrosive	NO	Hazardous Polymerization?	Yes	No	XX
Incompatibilities		Avoid open flames or sparks, oxidizing agents, and acids.						
Hazardous Decomposition or Byproducts		Fire: Normal products of combustion; carbon carbon monoxide and acrid smoke						

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product		100 ppm (Air) Aliphatic Petroleum Distillate *						
EYE CONTACT	Severe irritant			SKIN CONTACT	Defatting, irritation on prolonged exposure			
INHALATION	Excessive inhalation may cause dizziness, nausea, headache, nasal and respiratory irritation			INGESTION	HARMFUL OR FATAL IF SWALLOWED! Can cause diarrhea, stomach upset			
OTHER	If aspirated into lungs can cause lung irritation.							

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Flush with water for 15 minutes thoroughly while lifting eyelids and get prompt medical attention							
SKIN CONTACT	Wash with soap and water thoroughly. If irritation persists, get prompt medical attention. Remove contaminated clothing and launder before re use.							
INHALATION	Remove to fresh air. If breathing becomes difficult, get prompt medical attention.							
INGESTION	DO NOT INDUCE VOMITING!! Call Poison Control Center, Physician, or Hospital Emergency Room Immediately.							

SECTION VIII SPECIAL PROTECTION INFORMATION

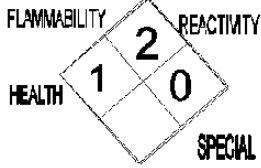
	CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION	N/A	If TLV is exceeded, wear NIOSH approved respirator
VENTILATION	Use with adequate ventilation.	General
EYE PROTECTION	N/A	Goggles or full face shield.
PROTECTIVE CLOTHING	N/A	Rubber gloves and apron.

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE	Observing health hazards described above, remove ignition sources, ventilate area, wipe up with rags or dry absorbent. Transfer to waste drum.
WASTE DISPOSAL METHOD	<i>Dispose of in accordance with all applicable government laws and regulations.</i>
STORAGE AND HANDLING PRECAUTIONS	Store in a cool place below 120°F. away from acids, ignition sources and oxidizing agents.
OTHER PRECAUTIONS	WEARING CONTACT LENSES IS INADVISABLE WHILE USING THIS PRODUCT! KEEP AWAY FROM CHILDREN AND ANIMALS! RESPECT ALL CHEMICALS!

HAZARD INFORMATION LABEL DATA

HAZARD CODE
4- Extreme
3- High
2- Moderate
1- Slight
0- Negligible



Supersedes FEBRUARY 1999

OSHA Revised FEBRUARY 2003

Title R. GEER - CHEMIST

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 thereon. The data is offered solely for information, investigation, and verification.