

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	SOLDER SEAL® GUNK® FUEL INJECTOR CLEANER
PART NUMBER	M49 - 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--X-----OSHA-----)
Aliphatic Petroleum Distillate	93-97	68476-34-6	100 ppm (Air)

Warning: This product contains a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.

Comments:

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1)	0.84-0.88	pH	N/A
Solubility in Water	Insoluble	Solubility in Solvent	Petroleum
Flash Point (Method) - F⁰	Greater than 140 ⁰ F (TCC)	% Volatiles By Wt.	Greater than 90%
Melting Point - F⁰	N/A	Boiling Point - F⁰	Greater than 300 ⁰ F.
Vapor Pressure (mmHg)	N/A	Vapor Density (Air=1)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A		
Appearance and Odor	Light yellow--amber liquid with petroleum odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:	Caution : COMBUSTIBLE!		
Water Fog	Foam XXX	CO₂ XXX	Dry Chemical XXX

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	XXX	Unstable	Corrosive	NO	Hazardous Polymerization?	Yes	No	XX
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Incompatibilities Oxidizing agents. Open flame or sparks.

Hazardous Decomposition or Byproducts Fire: Normal products of combustion: carbon monoxide, carbon dioxide, and acrid smoke. Nitrogen and sulfur oxides

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product 100 ppm Aliphatic Petroleum Distillate

EYE CONTACT Irritant	SKIN CONTACT Irritation, Defatting, dermatitis on prolonged exposure.
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INHALATION Excessive inhalation may cause dizziness, headache, narcosis, irritation to mucouse membranes	INGESTION HARMFUL OR FATAL IF SWALLOWED!
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OTHER If aspirated into lungs, may cause lung irritation.

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT Flush with water thoroughly for at least 15 min., while lifting eyelids. Consult a physician.

SKIN CONTACT Wash with soap and water thoroughly. Remove contaminated clothing and launder before re use.

INHALATION Move to fresh air. If adverse effects persist, consult a physician.

INGESTION DO NOT INDUCE VOMITING!. Drink water. DO NOT ADMINISTER EPINEPHRINE OR ADRENALINE!! Get medical attention 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	Neoprene 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. Transfer to waste drum.

WASTE DISPOSAL METHOD *Dispose of in accordance with all applicable government laws and regulations.*

STORAGE AND HANDLING PRECAUTIONS Store in a cool place below 120⁰F. away from ignition sources and oxidizing agents.

OTHER PRECAUTIONS WEARING CONTACT LENSES IS INADVISABLE! KEEP AWAY FROM CHILDREN AND ANIMALS!

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

Supersedes SEPTEMBER 1998

OSHA Revised MARCH 2001

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.