# MATERIAL SAFETY DATA SHEET

# **Radiator Specialty Company**

1900 WILKINSON BLVD. CHARLOTTE, NC 28208 (704) 377-6555

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 THRUST® QUICK STARTING FLUID

PART NUMBER M38 -15

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)
Diethyl Ether	23.5-27.5	60-29-7	400 ppm
Aliphatic Petroleum Distillate	71-78	142-82-5	400 ppm
Petroleum Dewaxed Heavy Paraffinic Oil	1	64742-65-0	5 mg/m³ (Mist)
Carbon Dioxide (Propellant)	1-5	124-38-9	5000 ppm
Comments:	N. F. P. A. LEVEL - 3 AEROSC	)L	

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

#### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1)	0.67-0.70	<b>pH</b> 6 - 7	
Solubility in Water	2.5%	Solubility in Solvent	Petroleum, Ether
Flash Point (Method) - F <sup>0</sup>	-15 <sup>0</sup> (TCC)	% Volatiles By Wt.	99%
Melting Point - F <sup>0</sup>	NDA	Boiling Point - F <sup>0</sup>	NDA
Vapor Pressure (mmHg)	NDA	Vapor Density (Air=1)	NDA
<b>Evaporation Rate (Butyl Acet</b>	ate=1) NDA		
Appearance and Odor	Colorless volatile liquid.		

#### SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:	Caution: EXTREMELY FLAMMABLE!					
Water Fog	Foam	XXX	CO <sub>2</sub>	XXX	Dry Chemical	XXX

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 or bursting cans.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** CONTENTS UNDER PRESSURE! At elevated temperatures containers may vent, rupture or burst, even violently.

Stable	XXX	Unstable	Corrosive	NO F	lazardous Polymerization? Yes	No XX	XX
Incomp	atibilities	High temperatures	s, oxidizing agents, acids	and alkalis.			
Hazardo smoke.	ous Decom	position or Byproducts	Fire: normal products of	combustion	carbon monoxide, carbon dioxide	and acrid	

#### **SECTION VI HEALTH HAZARD INFORMATION**

Recommended	ITLV of Product 400 ppr	n Aliphatic Petroleum Di	stillate
<b>EYE CONTACT</b>		SKIN CONTACT	
	Irritant.		Irritant.
INHALATION	May cause headache, dizziness,	INGESTION	HARMFUL OR FATAL IF SWALLOWED!
narcosis, over-ex	posure: unconsciousness		
OTHER	CAUTION: EXTREMELY FLAMMAI	BLE!	

## **SECTION VII EMERGENCY AND FIRST AID PROCEDURES**

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

#### SECTION VIII SPECIAL PROTECTION INFORMATION

	CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION	N/A	If TLV is exceeded, wear NIOSH approved self-contained breathing apparatus.
VENTILATION	Use with adequate ventilation.	Local
EYE PROTECTION	Goggles	Splash-proof safety goggles or face shield.
PROTECTIVE CLOTHING	N/A	Solvent-resistant gloves and apron.

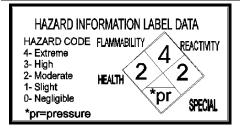
# SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE Observing health hazards described above, remove ignition sources, ventilate area, flush with water and 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 120°F. away from acids, ignition sources and oxidizing agents.

OTHER PRECAUTIONS WEARING CONTACT LENSES IS INADVISABLE! DO NOT PUNCTURE OR INCINERATE CONTAINERS! KEEP AWAY FROM CHILDREN AND ANIMALS!



Supersedes AUGUST 1996 OSHA Revised JANUARY 1999

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.