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 10 - MINUTE RADIATOR FLUSH

PART NUMBER MM14 - 16C

Comments:

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 (ACGIHXOSHA)
2-Butoxy-1-Ethanol*	1-2	111-76-2	25 ppm
Ethylene Diamine Tetraacetic Acid,			
Sodium Salt	1-2	64-02-8	NDA
Sodium Meta Silicate	1-2	6834-92-0	2 mg/m³
Sodium Phosphate, Tribasic	1-2	7601-54-9	
	ICAL IS SUBJEC	T TO REPORTING REQUIREM	MENTS

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1) 1.035 Ηq 11.75 Solubility in Water Solubility in Solvent N/A Soluble Flash Point (Method) - F⁰ None % Volatiles By Wt. Greater than 90% Boiling Point - F⁰ Approx. 212°F Melting Point - F N/A Vapor Pressure (mmHg) N/A Vapor Density (Air=1) N/A Evaporation Rate (Butyl Acetate=1) N/A Appearance and Odor Clear Fluorescent Yellow Green with characteristic odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:	Non-flammable		
Water Fog	Foam	CO2	Dry Chemical
protective clothes.		ır self-contained, po	ositive pressure breathing apparatus and
UNUSUAL FIRE AND EXP	LOSION HAZARDS		
		None known	1

SECTION V REACTIVITY DATA

Stable X	Unstable	Corrosive	NO	Hazardous Polymerization? Yes	No	Х
Incompatibiliti	es Avoid oxidizing agents, a	nd strong acids.				"
•		on one of ground,				
Hazardous Dec	composition or Byproducts	s At boiling: small amou	nts of nitro	gen oxides and carbon dioxide		
				•		

SECTION VI HEALTH HAZARD INFORMATION

YE CONTACT May cause eye burns esulting in permanent damage.	SKIN CONTACT May cause skin burns with over exposure. Irritating with skin absorption.
NHALATION Concentration of vapors may be rritating to mucous membranes	INGESTION HARMFUL OR FATAL IF SWALLOWED! Irritating to throat and stomach. Over exposure can lead to kidney and liver damages.

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT Flush with water for 15 minutes thoroughly. Consult physician immediately.

SKIN CONTACT Wash with soap and water thoroughly. Remove contaminated clothing and wash before re use. If skin burn is observed, consult physician

INHALATION Move to fresh air with proper ventilation.

INGESTION If swallowed give citrus juices or water. Do Not INDUCE VOMITING! Consult a physician immediately and get medical attention.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY	CONSUMER	BULK HANDLING (Prolonged Exposure)
PROTECTION	N/A	If TLV is exceeded, wear NIOSH approved respirator
VENTILATION	Use with adequate ventilation	General
EYE PROTECTIO	N N/A	Chemical goggles
PROTECTIVE CLOTHING	N/A	gloves and apron

SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURE Observing health hazards described above, ventilate area, confine liquid, collect with absorbent and transfer to waste drum.

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

STORAGE AND HANDLING PRECAUTIONS Store away from oxidizing agents and strong acids.

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

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

Supersedes NEW

OSHA Revised JULY 1998

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.