

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 LAN - LIN® ORANGE HAND CLEANER

PART NUMBER M10 -35, -36, -37, -38

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--X----	
Citrus Turpenes	5-20	5989-27-5	None	None
Nonionic Surfactant	3-10	9016-45-9	"	"
Pumice	5-10	1332-09-8	"	"

Comments:

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H ₂ O=1)	.9	pH	6.8
Solubility in Water	Partially	Solubility in Solvent	Alcohol's
Flash Point (Method) - F°	Not established	% Volatiles By Wt.	88
Melting Point - F°	Does not apply	Boiling Point - F°	Does not apply
Vapor Pressure (mm Hg)	Does not apply	Vapor Density (Air=1)	Does not apply
Evaporation Rate (Butyl Acetate=1)	very slow		
Appearance and Odor	White paste with light, pleasant odor		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:

Water Fog X Foam X CO₂ X Dry Chemical X

SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes. None known

UNUSUAL FIRE AND EXPLOSION HAZARDS None known

SECTION V REACTIVITY DATA

Stable	X	Unstable		Corrosive	NO	Hazardous Polymerization?	Yes	No	X
Incompatibilities		None known							
Hazardous Decomposition or Byproducts		None known							

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product		Does not apply	
EYE CONTACT	Irritant	SKIN CONTACT	Not a route of entry
INHALATION	Not a route of entry	INGESTION	Aspiration may lead to chemical pneumonitis
OTHER			

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT	Flush with water for 15 minutes while lifting eyelids. Consult a physician immediately.
SKIN CONTACT	Wash off with water.
INHALATION	N/A
INGESTION	DO NOT INDUCE VOMITING. If vomiting occurs, lower victims head below his knees to avoid aspiration. Contact a physician immediately.

SECTION VIII SPECIAL PROTECTION INFORMATION

	CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION	N/A	None
VENTILATION	N/A	General
EYE PROTECTION	N/A	Goggles
PROTECTIVE CLOTHING	N/A	None

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 cool area away from heat, sparks, open flame or strong oxidizing agents
OTHER PRECAUTIONS	KEEP AWAY FROM CHILDREN AND ANIMALS!

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

Supersedes AUGUST 1996

OSHA Revised FEBRUARY 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.