I. Basic Information:					
Manufacturer: RADIATOR SPECIALTY COMPANY					
Address: 600 RADIATOR ROAD					
City, ST Zip: INDIAN TRAIL, NC 28079					
Emergency Contact: Rocky Mountain Poision Control Center					
Emergency Telephone Number: 303-623-5716					
Contact: Robert Geer	Contact: Robert Geer				
Information Telephone Number: 704-688-3430 0					
Last Update: 01/28/2005 1					
Chemical State: X Liquid Gas Solid	0				
Chemical Type: Pure X Mixture	Α				

II. Ingredients:

Trade Secret

		EH	6	IARC	SARA 313	OSHA	ACGIH	Other
CAS No.	Chemical Name	% Range	NTP	SUB		PEL	TLV	Limits
7732185	Aqua	60.0 - 100.0	-			N/E	N/E	
5989975	Dehimonen	5 - 25.0	•			N/E	N/E	
91 99	Ethoxylated lyl Phe	10 - 5.0				N/D	N/D	
67 809	byl Este bybean	1.0 - 5.0						
1 098	Pu e (A sive)	.0 - 20.0				15 mg/m3	3 (10 mg/m3	3 (
90123	Ta Oil F Acid	1.0 - 5.0			/ (N/E	10 mg/m3	3
III. Hazar	rdous Identification:							
Hazard Cate	gory:							
X Acu	ite Chronic	Fire			Pre	ssure		Reactive
Hazardous Io Non-Haza	dentification Information: ardous							

Route(s) of Entry:

IV. First Aid Measures:

Absorption, Eye, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

See signs and symptoms below

Signs and Symptoms:

Eye Contact: contains pumice which can cause eye irritation. Skin Contact: can cause irritation during prolonged use. Inhalation: Breathing concentrated vapors can cause headaches and nausea.

dia ances, and nau	all quantities is	ntul unles.	on occurs.	Ingest	e irritation,	9	
Medic hditions Ger	lggravated by Ex os						
M Known							
				/ / /			

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MSDS - Material Safety Data Sheet Product Name: LAN-LIN ORANGE HAND CLEANER WITH PUMICE

MSDS No.: M1035

Emergency and First Aid Procedures:

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids and get prompt medical attention. Skin Contact: Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.

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.

Other Health Warnings:

Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.

V.	Fire Fighting Measures:

Flash Point: N/E

Lower Explosive Limit: N/E

Upper Explosive Limit: N/E

F.P. Method: N/E

Fire Extinguishing Media: Water Fog, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures:

Wear self-contained positive pressure breathing apparatus and protective clothes. Cool containers with a water fog. Do not use forced water stream as this could cause the fire to spread.

Unusual Fire and Explosion:

None Known

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc). Using a non-metalic scoop, place contaminated material into an approved chemical waste container. Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occured.

VII. Handling and Storage:

Precautions to be Taken:

Keep container closed tightly when not in use. Use with adequate ventilation and store container below 120°F.

Other Precautions:

None Known

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

See Section 2 for applicable exposure limits. Use with adequate ventilation. If TLV is exceeded, wear NIOSH approved respirator.

Personal Protective Equipment:

Eye Protection: Safety glasses.

For bulk use chemical splash goggles.

Other Protective Clothing: Impervious clothing and rubber boots. Long sleeves, long pants, rubber apron. Other Protective Equipment: Emergency Eye Wash Fountain.

MSDS - Material Safety Data Sheet Product Name: LAN-LIN ORANGE HAND CLEANER WITH PUMICE

MSDS No.: M1035

IX. Physical and Chemical Properties:				
Boiling Point: N/E	Melting Point: N/E			
Evaporation Rate (Butyl Acetate = 1): N/E	Vapor Pressure (mm Hg.): N/E			
Specific Gravity (H20 = 1): 0.90000	Vapor Density (AIR = 1): N/E			
Solubility In Water: Soluble	Appearance and Odor: White to gray gel with citrus fragrance			
Other Information: pH: 6.0 - 7.8				
CARB and OTC States VOC Compliant				
X. Stability and Reactivity:				

Stability:

Stable

Incompatibility (Materials to Avoid):

None Known

Decomposition/By Products:

Normal Products of Combustion, carbon monoxide and carbon dioxide.

Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

N/E

XII. Ecological Information:

N/E

XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in a recycling centers when empty. Before offering for recycling, empty the can or bottle by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with all local, state government and federal laws and regulations

XIV. Transport Information:

DOT Shipping Name: Not DOT regulated. DOT Hazard Class: None

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping purposes.

XV. Regulatory Information:

See Section 2 for SARA Reportable Chemicals.

USA TSCA: All components of this material are either exempt or listed on the US TSCA Inventory.

XVI. Other Information:

MSDS - Material Safety Data Sheet Product Name: LAN-LIN ORANGE HAND CLEANER WITH PUMICE

MSDS No.: M1035

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established N/D: Not Determined N/A: Not Applicable N/AV: Not Available

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