

# MATERIAL SAFETY DATA SHEET

## CURTIS LUBE PLUS RS-12000

Curtis-Toledo Inc.

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24 Hr. Emergency Phone: 1-800-424-9300

(Chemtrec)

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SUPERSEDES: 11/08/01

### PRODUCT IDENTIFICATION

Trade Name:	RS-12000 (Part # VO 422-2, VO 422, VO 422-1)
Chief Constituent:	Polyol Ester Blend
Hazardous Ingredients/OSHA:	None
Carcinogenic Ingredients/OSHA/NTP/IARC:	None
Ingredients Regulated by SARA Title 3, Section 313:	None

### II. WARNING STATEMENTS

This product is non-hazardous as defined in 29 CFR 1910.1200.

### III. PHYSICAL AND CHEMICAL DATA

Appearance and Odor:	Bright and Clear, Mild Odor
Specific Gravity:	<1.0
Boiling Point:	>600°F
Vapor Pressure:	< 0.035 mm Hg @ 300°F

### IV. FIRE PROTECTION

Flash Point:	>450°F <sub>(COC)</sub>
Extinguishing Media:	Water fog, dry chemical, foam or CO <sub>2</sub>
Special Fire Fighting Procedure:	Burning will produce toxic fumes. Wear self-contained breathing apparatus and full turn out gear to fight fire. Avoid spreading liquid and fire by water flooding.
Unusual Fire Hazard:	Exposure to heat builds up pressure in closed containers. Cool with water spray.

### V. REACTIVITY DATA

Thermal Stability:	Stable
Materials to Avoid:	Strong oxidizers
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Burning may produce products such as carbon monoxide and carbon dioxide which may be considered hazardous if the NIOSH/OSHA permissible limits are exceeded.

### VI. HEALTH HAZARD DATA

Exposure Limits:	Not Applicable
Effects of Overexposure:	Low oral and dermal toxicity. Prolonged or repeated exposure may cause irritation, nausea and vomiting.

### VII. PHYSIOLOGICAL EFFECTS SUMMARY

ACUTE:	
Eyes:	Believed to be minimally irritating
Skin:	Believed to be minimally irritating
Respiratory System:	Believed to be minimally irritating
CHRONIC:	Not determined
OTHER:	None

**VIII. PRECAUTIONS FOR SAFE HANDLING**

For general personal hygiene, wash hands thoroughly after handling material. Avoid contact with skin and eyes.

**IX. PROTECTION AND CONTROL MEASURES**

Protective Equipment: Impermeable gloves, splash goggles, eye wash and safety shower.  
Respiratory Protection: If overheated, use approved respiratory protective equipment.  
Ventilation: Local exhaust and mechanical recommended.

**X. EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact: Flush eyes with water for 15 minutes. Call a physician if irritation develops.  
Skin Contact: Wash skin with soap and water.  
Inhalation: Remove to fresh air. Give artificial respiration or oxygen if necessary.  
Ingestion: First Aid not normally required. If uncomfortable, call physician.

**XI. NOTES**

	HAZARD RATING INFORMATION			KEY	
	NPCA/HMIS	NFPA			
Health	1	1	4 = Severe	1 = Slight	
Flammability	1	1	3 = Serious	0 = Minimal	
Reactivity	0	0	2 = Moderate		

**XII. SPILL AND DISPOSAL PROCEDURES**

Environmental Impact: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard Toll Free Number (800) 424-8802.

Procedures if Material is Released or Spilled: Absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

Waste Management: Dispose of according to Federal, State and Local regulations.

Toxic Substance Inventory Control Act: All components are included on the TSCA Inventory and are in compliance with the TSCA.

**FOR ADDITIONAL INFORMATION CONTACT:**

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