

MATERIAL SAFETY DATA SHEET - **LUBE-R-COAT™ AEROSOL**

REC'D APR 24 2001

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LU800035
 MSDS0545
 Ver. No.1
 Ver. Date June 22, 2000

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Lube-R-Coat™ Aerosol
PRODUCT CODE: 86533
CHEMICAL FAMILY: Organic
USE: Lubricant
MANUFACTURER / SUPPLIER
 RectorSeal
 2601 Spenwick
 Houston, Texas 77055 USA

EMERGENCY TELEPHONE NUMBERS:
 Chemtrac 24 hours: (800) 424-9300
 RectorSeal: (713) 263-8001

NON EMERGENCY TELEPHONE NUMBERS:
 Technical Service: (800) 231-3345

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NO.	APPROX		OSHA PEL	ACGIH TLV	OTHER LIMITS	HMIS	NFPA
		%						
Kerosene	8008-20-6	-		N/D	N/D	N/D	H0,F2,R0	H0,F2,R0
Base Stock Oil	64742-54-7	-		N/D	N/D	N/D	N/D	N/D

SECTION 3 HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS Repeated inhalation may cause dizziness, nausea and CNS effects.

ROUTE OF EXPOSURE

SIGNS AND SYMPTOMS

PRIMARY ROUTE(S)

INHALATION: Upper respiratory tract irritation and narcosis, CNS symptoms.
EYE CONTACT: Irritation, blurred vision.
SKIN CONTACT: Irritation, dermatitis, defatting.
INGESTION: Gastro-intestinal irritation, nausea, vomiting, diarrhea, aspiration into lungs can cause chemical pneumonitis.

Yes
 Yes
 Yes
 No

SUMMARY OF CHRONIC HAZARDS: Prolonged skin contact may result in irritation and narcosis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

SECTION 4 FIRST AID MEASURES

INHALATION: Remove to fresh air; administer oxygen, or artificial respiration if needed. Seek immediate medical attention.
EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.
SKIN CONTACT: Wash with soap and water. If irritation occurs, seek medical attention.
INGESTION: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: 186°F (86°C) Seta CC **FLAMMABILITY LIMITS:** LEL: 0.9% UEL: 7.0%
EXTINGUISHING MEDIA: Foam, dry chemical, CO₂, or water fog.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing. Evacuate immediate area. Hazardous decomposition products possible (see Section 10). Dike fire control area as run-off may create additional fire hazard and environmental contamination. Cool heat exposed containers with water. If spill or leak has not ignited, use water spray to disperse vapors.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along ground or to low spots at considerable distance to a source of ignition resulting in potential flashback. Burning liquid may float on water. Heat may build up pressure and rupture closed containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

SECTION 7 STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when not in use. Do not store near heat, sparks, or open flames. Exposure to temperatures above 120°F (54°C) may cause bursting.
OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all products precautions. Do not reuse empty containers. **KEEP OUT OF REACH OF CHILDREN.**

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): Normally none required. For clean up of "after service" dust or in confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators.
VENTILATION - LOCAL EXHAUST: Acceptable
MECHANICAL (GENERAL): Preferable
PROTECTIVE GLOVES: Wear non-permeable gloves.
SPECIAL: N/A
OTHER: N/A
EYE PROTECTION: Goggles

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont'd)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 320°F (160°C) @ 760 mm Hg

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (AIR = 1): N/A

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY (H₂O = 1): < 1

MELTING POINT: N/A

EVAPORATION RATE (ETHYL ACETATE = 1): < 1

APPEARANCE/ODOR: Amber liquid / petroleum odor

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks, open flames, and strong oxidizing, acidic and basic conditions.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ and fragmented hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGY INFORMATION

CARCINOGENICITY:

NTP: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

<u>SUBSTANCE</u>	<u>CAS NO.</u>	<u>LD50</u>	<u>LC50</u>
Kerosene	8008-20-6	Oral-Rat LD50:>5 g/kg	N/D
Base Stock Oil	64742-54-7	Oral-Rat LD50:>15 gm/kg	N/D

SECTION 12 ECOLOGICAL INFORMATION

<u>SUBSTANCE</u>	<u>FOOD CHAIN</u>		<u>BOD</u>	<u>AQUATIC TOXICITY</u>
	<u>CON POTENTIAL</u>	<u>WATERFOWL TOXICITY</u>		
Kerosene	None	N/A	53%	N/A
Base Stock Oil	N/D	N/D	N/D	N/D

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of clean up materials and liquid waste in accordance with all local, state and federal regulations.

NOTE – DO NOT INCINERATE AEROSOL CANS

SECTION 14 TRANSPORTATION INFORMATION

DOT: Consumer Commodity ORM-D

OCEAN (IMDG): Aerosols, Class 2.1, UN 1950, IMDG#2102, EMS#2-13

AIR (IATA): Aerosols, Class 2.1, UN 1950, ERG#126

WHMIS (CANADA): Class B Division 5

SECTION 15 REGULATORY INFORMATION

<u>SUBSTANCE</u>	<u>SARA 313</u>	<u>TSCA INVENTORY</u>	<u>CERCLA RQ</u>	<u>RCRA CODE</u>
Kerosene	No	Yes	N/A	N/A
Base Stock Oil	No	Yes	N/A	N/A

SECTION 16 OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazardous Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, express or implied is made. Consult RectorSeal for further information: (713) 263-8001.