MATERIAL SAFETY DATA SHEET- ***RectorSeal® Food Grade Anti-Seize Lubricant***

MSDS0161
Ver. No.1
Ver. Date July 27, 1999

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RectorSeal® Food Grade Anti-Seize & Lubricant
PRODUCT CODE: 73931
CHEMICAL FAMILY: Organic
USE: Anti-Seize & Lubricant

MANUFACTURE / SUPPLIER
RectorSeal
2601 Spenwick
Houston, Texas 77055 USA

EMERGENCY TELEPHONE NUMBERS:
Chemtrec 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
None as defined by OSHA Hazard 29 CFR 1910.1200							

SECTION 3 HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS May produce slight to moderate skin and eye irritation.

ROUTE OF EXPOSURE	SIGNS AND SYMPTOMS	PRIMARY ROUTE(S)
INHALATION:	N/A	No
EYE CONTACT:	Irritation, watering may occur.	Yes
SKIN CONTACT:	Frequent or prolonged contact may irritate and cause dermatitis.	Yes
INGESTION:	May cause nausea and vomiting. Not expected to produce toxic effects unless large amounts are ingested.	No

SUMMARY OF CHRONIC HAZARDS: Chronic effects are N/D.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Hypersensitivity to petroleum products on skin.

SECTION 4 FIRST AID MEASURES

INHALATION: N/A
EYE CONTACT: Flush with large amounts of water for at least 15 minutes. Seek immediate medical attention.
SKIN CONTACT: Wash with soap and water. If irritation occurs, seek medical attention.
INGESTION: DO NOT INDUCE VOMITING. Seek immediate medical attention.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: 425°F (229°C) COC **FLAMMABILITY LIMITS:** LEL: N/D UEL: N/D

EXTINGUISHING MEDIA: Dry chemical, foam, CO_2, or water fog.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face-piece breathing apparatus and other protective clothing. Hazardous decomposition products possible (see Section 10).
UNUSUAL FIRE AND EXPLOSION HAZARDS: 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: Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil. Wear protective clothing during cleanup.

SECTION 7 STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames.
OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain product residues and vapors; treat as if full and observe all product precautions. Do not reuse empty containers. **KEEP OUT OF REACH OF CHILDREN.**

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): None normally required.
VENTILATION – LOCAL EXHAUST: Acceptable **Special:** N/A
MECHANICAL (GENERAL): Acceptable **OTHER:** N/A
PROTECTIVE GLOVES: Wear non-permeable gloves. **EYE PROTECTION:** Safety glasses or goggles (ANSI Z-87.1 or equivalent)
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.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >600°F (316°C) @ 760mm Hg
VAPOR PRESSURE (mm Hg): < .01 @ 68°F (20°C)
VAPOR DENSITY (AIR = 1): <5
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY (H_20 = 1): 1.12
MELTING POINT: N/A
EVAPORATION RATE (ETHYL ACETATE = 1): < .01
APPEARANCE/ODOR: White Paste / Mild Petroleum Odor

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable.
CONDITIONS TO AVOID: Heat, sparks, open flames and strong oxidizing conditions.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, aldehydes, and fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGY INFORMATION

CARCINOGENICITY: **NTP:** No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

SUBSTANCE	LD50	LC50
N/A	N/A	N/A

SECTION 12 ECOLOGICAL INFORMATION

SUBSTANCE	FOOD CHAIN CON POTENTIAL	WATERFOWL TOXICITY	BOD	AQUATIC TOXICITY
N/A	N/A	N/A	N/A	N/A

SECTION 13 DISPOSAL CONSIDERATIONS

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

SECTION 14 TRANSPORTATION INFORMATION

DOT: Non-Regulated
OCEAN (IMDG): Non-Regulated
AIR (IATA): Non-Regulated
WHMIS (CANADA): Non-Regulated

SECTION 15 REGULATORY INFORMATION

SUBSTANCE	SARA 313	TSCA INVENTORY	CERCLA RQ	RCRA CODE
N/A	No	All components listed	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.