

SHRADER CANADA



Section 1: Chemical Product and Company Identification

Part Number(s): RS34077
Description: Red Stallion Surface Guard and Lube, 340 g
Manufacturer / Supplier: Shrader Canada Limited
Address: 830 Progress Court, Oakville, Ontario L6L 6K1
Revision Date: 2013-01-21
Product Use: Corrosion penetrant and lubricant.
Chemical Family: Mixture

Section 2: Composition/Information on Ingredients

Component Name:	%	LD50 and LC50	ACGIH TWA	Ecotoxicity - Aquatic Toxicity
RHT Base Oils Complex Mixture	15-40	Not Available	Not available	Not Available
Petroleum gases, liquified 68476-85-7	10-30	Not Available	= 1000 ppm TWA	Not Available
Lanolin Oil 70321-63-0	0.1-1.0	Not Available	Not available	Not Available

Section 3: Hazards Identification

Ingestion: Ingestion of large amounts will probably cause stomach irritation. Symptoms include nausea, vomiting and diarrhea.
Inhalation: No hazard under normal conditions of use. At high concentrations the vapours are irritating and anaesthetic. The irritating properties give warning.
Skin Contact: Skin irritant.
Eye Contact: Eye irritant.
Chronic Effects: Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation, and/or fibrous tissue formation. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated exposure can result in drying of the skin, irritation and dermatitis.

Section 4: First Aid Measures

Ingestion: Do not induce vomiting. Do not give liquids. Get immediate medical attention.
Inhalation: Not necessary under normal conditions of use. If affected, remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Remove contact lenses if any after the initial flushing and then continue flushing. Get medical attention if irritation persists.

Section 5: Fire Fighting Measures

Flash Point (°C): >= 150 SETA CC
NFPA Classification: Aerosol, Level 3

Section 5: Fire Fighting Measures

Lower Explosive Limit: Not Available
 Upper Explosive Limit: Not Available
 Autoignition Temp. (°C): Not Available

Sensitivity to Mechanical Impact:

Contents under pressure. Protect against physical damage.

Conditions of Flammability:

Contents under pressure. Containers may explode if heated. Flammable when heated to temperatures above the flash point and on contact with an ignition source. Vapours are heavier than air and may travel or be moved along the ground to an ignition source at locations distant from material handling. Material will float and may re-ignite on water surface. Water may cause splattering and spread the fire.

Sensitivity to Static Discharge:

Not Available

Hazardous Combustion:

Carbon dioxide, carbon monoxide and other unidentified organic compounds.

Extinguishing Media:

Alcohol foam or water fog for large fires. Carbon dioxide or dry chemical for small fires. Use water spray to cool fire exposed containers and prevent bursting.

Section 6: Accidental Release Measures

Leak or Spill Procedures:

Wear suitable protective clothing. Follow applicable explosion and fire precautions during the response. Stop the spill at the source when safe to do so. For large spills, dike the area to prevent spreading. Pump excess to a salvage container. Absorb residues and small spills with a non-flammable absorbant material and collect adsorbate for disposal.

Section 7: Handling and Storage

Handling Procedures:

Contents under pressure. Keep away from heat, spark, flame and other sources of ignition. Do not cut, weld, drill or grind on or near this container. Use with adequate ventilation. Avoid breathing vapours or mist. Avoid skin and eye contact. Wear all appropriate personal protective equipment during use. Use good personal hygiene. Avoid smoking, eating and drinking during use. Wash with soap and water after handling. Containers of this material may contain hazardous residues when emptied.

Storage Requirements:

Store in a cool, dry, well ventilated area, away from heat, ignition sources and incompatibles. Keep containers tightly closed when not in use.

Section 8: Exposure Controls / Personal Protection

Respiratory:

Not normally required. If the TLV is exceeded, a NIOSH-approved respirator is advised.

Gloves:

Neoprene. Nitrile gloves.

Eyewear:

Safety glasses. Contact lenses should not be worn. They may contribute to the severity of the injury.

Clothing:

Sufficient clothing to prevent skin contact.

Ventilation:

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted, or used in confined spaces or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted.

Other protective equipment:

Emergency showers and eyewash facilities should be nearby. The selection of personal protective equipment will vary depending on the conditions of use.

Section 9: Physical and Chemical Properties

Physical State:	Aerosol
Color:	Tan
Odour:	Hydrocarbon odour
Vapour Density (Air=1):	> 1
VOC %:	Not Available
pH:	Not Applicable
Solubility in Water:	Insoluble
Specific Gravity (H2O=1):	0.97 @ 23 °C
Viscosity:	> 14cSt @ 40°C

Section 10: Stability and Reactivity

Conditions of Instability:

Stable at ambient and moderately elevated temperatures and pressures.

Hazardous Polymerization:

Hazardous polymerization will not occur.

Hazardous Decomposition:

See hazardous combustion products.

Incompatible Materials:

Avoid strong oxidizers (e.g HOOH, HNO3).

Conditions of Reactivity:

Keep away from heat, sparks and flame.

Section 11: Toxicological Information

Irritancy of Product:

May be mildly irritating to eyes and skin.

Sensitization to product:

Contains no known skin or respiratory sensitizers.

Carcinogenicity:

No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive Effects:

None known.

Teratogenicity:

None known

Mutagenicity:

None known

Synergistic Products:

None known.

Section 12: Ecological Information

Environmental:

May be harmful to aquatic life.

Biodegradability:

Not available.

Section 13: Disposal Considerations

Waste Disposal:

Contents under pressure. Do not puncture, incinerate or expose to heat even when empty. Reuse or recycling should be given priority over disposal under any circumstances. Dispose of in accordance with municipal, provincial and federal regulations.

Section 14: Transportation Information

Road shipment: AEROSOLS, Class 2.1, UN1950, ERG #126.

Marine shipment: UN1950, AEROSOLS, Class 2.1, EmS# F-D, S-U.

Air Shipment: Aerosols, Flammable, Class 2.1, UN 1950, PI Y203/203.

Exemption: LTD QTY exemptions may be used if product is packaged in accordance with Schedule 1 of Canada's TDGR or if packaged in accordance with the provisions of the IMDG Code.

Product may be reclassified for air transportation if packaged in accordance to IATA regulations (i.e. Consumer Commodity, Class 9, ID 8000).

Section 15: Regulatory Information

WHMIS: A, B5, D2B

CEPA: All components are listed on the Domestic Substances List (DSL).

CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Section 16: Other Information

HMIS Rating: 141B

Prepared By: Regulatory Compliance, Shrader Canada Limited

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