

# SHRADER CANADA

084NA26011 Hyundai White Lithium Grease



## Section 1: Chemical Product and Company Identification

**Manufacturer or Supplier Name:** Shrader Canada Limited  
**Address:** 830 Progress Court, Oakville, Ontario L6L 6K1  
**Date of MSDS Preparation:** 06/26/2002      **Revision:** 1  
**Product Use:** General purpose lubricant.  
**Chemical Family:** Grease solution (non-chlorinated).

## Section 2: Composition/Information on Ingredients

Hazardous Ingredients	%	LD50 and LC50	ACGIH TWA	Ecotoxicity - Aquatic Toxicity
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT 64742-49-0	15-40	Not Available	Not Available.	Not Available
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	15-40	Not Available	Not Available.	Not Available
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC 64741-88-4	7-13	Not Available	Not Available.	Not Available
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 64742-52-5	7-13	Not Available	Not Available.	Not Available

## Section 3: Hazards Identification

**Ingestion:** Ingestion may cause respiratory irritation and central nervous system depression similar to inhalation. Ingestion of small amounts during normal handling are not likely to cause injury. Larger amounts may cause effects similar to those described under inhalation. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

**Skin Contact:** No hazard under normal conditions of use. Frequent or prolonged contact may dry and irritate the skin and cause a rash.

**Inhalation:** No hazard under normal conditions of use. High concentrations may cause respiratory irritation and central nervous system depression with results ranging from dizziness and headache to unconsciousness.

**Eye Contact:** Direct contact causes eye irritation.

**Chronic Effects:** Reports have associated repeated and prolonged occupational overexposure to various organic solvents with internal organ, brain and nervous system damage.

## Section 4: First Aid Measures

**Ingestion:** Do not induce vomiting. If conscious, immediately drink one half to one glass of water to dilute. Call physician.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder before reuse. Seek medical attention if irritation persists.

**Inhalation:** Not necessary under normal conditions of use. If affected, remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.

**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.

**Additional Information** The main hazard following ingestion is aspiration of the liquid into the lungs during subsequent vomiting. Only if more than 2.0 mL/kg body weight has been ingested, vomiting should be induced with supervision. If symptoms such as convulsions or unconsciousness occur before vomiting, gastric lavage should be considered.

## Section 5: Fire Fighting Measures

<b>Flash Point (°C):</b>	7 SETA CC
<b>Flame Projection:</b>	> 45 cm.
<b>NFPA Classification:</b>	Aerosol, Level 3
<b>Autoignition Temperature (°C):</b>	Not Available
<b>Lower Explosive Limit:</b>	Not Available
<b>Upper Explosive Limit:</b>	Not Available

### Conditions of Flammability:

Flammable. Sprayed product will project a flame on contact with an ignition source. Do not use on vehicles unless cool. Contents under pressure. Containers may explode if heated. Vapours are heavier than air and may travel or be moved along the ground to an ignition source at locations distant from material handling.

### Sensitivity to Mechanical Impact:

Contents under pressure. Protect against physical damage.

### Sensitivity to Static Discharge:

Not Available

### 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. Do not use a direct stream of water.

### Hazardous Combustion:

Oxides of carbon, sulfur, nitrogen, phosphorous and other unidentified organic compounds.

## Section 6: Accidental Release Measures

### Leak or Spill Procedures:

Caution! Spilled material may be slippery. 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. For large quantities, refer to the environmental ministry. Contain spilled material. Avoid contamination of natural waterways.

## Section 7: Handling and Storage

### Handling Procedures:

Use with adequate ventilation. Avoid breathing vapours. 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. Do not cut, weld, drill or grind on or near this container. Do not use on hot vehicles. Contents under pressure. Flammable. Keep away from heat, spark, flame and other sources of ignition.

### Storage Requirements:

Store in a cool, dry, well-ventilated area. Storage temperatures should not exceed 40°C. Keep from freezing. Keep away from children.

## Section 8: Exposure Controls/Personal Protection

<b>Respiratory:</b>	Not normally required. If the TLV is exceeded, a NIOSH-approved respirator is advised.
<b>Gloves:</b>	Neoprene. Nitrile gloves.
<b>Eyewear:</b>	Safety glasses. Contact lenses should not be worn. They may contribute to the severity of the injury.
<b>Clothing:</b>	Sufficient clothing to prevent skin contact.
<b>Ventilation:</b>	Sufficient mechanical ventilation to maintain exposures below the TLV. General mechanical ventilation is not recommended as the sole means of controlling exposure. Make-up air should always be supplied to balance air exhausted.
<b>Other protective equipment</b>	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

<b>Physical State:</b>	Aerosol
<b>Odour:</b>	Mild odour.
<b>Appearance:</b>	White.
<b>Evaporation Rate:</b>	Not Available
<b>Vapour Density (Air=1):</b>	> 1
<b>VOC %:</b>	68
<b>Boiling Point:</b>	Not Available
<b>pH:</b>	Not Applicable
<b>Coefficient of water:</b>	Not Available
<b>Solubility in Water:</b>	Negligible
<b>Specific Gravity (H2O=1):</b>	0.75 at 15°C
<b>Viscosity:</b>	Not available.

## Section 10: Stability and Reactivity

### Conditions of Instability:

Stable at ambient temperatures and pressures.

### Hazardous Polymerization:

Hazardous polymerization will not occur.

### Hazardous Decomposition:

See hazardous combustion products.

### Incompatible Materials:

Avoid strong oxidizers such as HOOH, HNO<sub>3</sub>, and oleum.

### Conditions of Reactivity:

Avoid excessive heat, sparks and open 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:

Not Available

### Teratogenicity:

Not Available

### Mutagenicity:

Not Available

### Synergistic Products:

Not Available

### Other Information:

No toxicological information is available for this product.

## Section 12: Ecological Information

**Environmental:** Solvents may be harmful to aquatic life. May be bioaccumulative but they have no food chain concentration potential.

**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. Do not dump unused contents into sewers, on the ground or into any body of water. 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:** AEROSOLS, Class 2, UN1950, EmS 2-13.  
**Flash Point (°C):** 7 SETA CC

**Air Shipment:** Aerosols, Flammable, N.O.S., Class 2.1, UN1950, PI 203.

**Exemption:** LTD QTY exemptions may be used if product is packaged in accordance with Schedule 1 of TDGR (Clear Language)

## 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:** 230B

**Prepared By:** Slobodanka Sehovac, Shrader Canada Ltd.

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