



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: 11/18/2003 **Revision:** 0
Product Use: Cleaner.
Chemical Family: Aqueous solution.

Section 2: Composition/Information on Ingredients

Hazardous Ingredients	%	LD50 and LC50	ACGIH TWA	Ecotoxicity - Aquatic Toxicity
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	5-10	Not Available	Not available	Not Available

Section 3: Hazards Identification

Ingestion: Ingestion of large amounts may cause stomach irritation.
Skin Contact: Non-irritating to the skin. No hazard under normal conditions of use. Prolonged or repeated contact can result in drying of the skin that can result in skin irritation and dermatitis, (oil acne or rash)
Inhalation: No hazard under normal conditions of use.
Eye Contact: Direct contact causes eye irritation.
Chronic Effects: None known.

Section 4: First Aid Measures

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Skin Contact: Wipe excess from skin. Wash with soap and water. Remove contaminated clothing and laundry before reuse.
Inhalation: Not a hazard under normal use conditions. Move person to fresh air.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
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

Flash Point (°C): Not Applicable.
Flame Projection: Not Applicable.
NFPA Classification: Aerosol, Level 1
Lower Explosive Limit: Not Available
Upper Explosive Limit: Not Available

Autoignition Temperature (°C): Not Available
Sensitivity to Mechanical Impact:
Contents under pressure. Protect against physical damage.

Conditions of Flammability:

Do not use on vehicles unless cool. Sprayed product will project a flame on contact with an ignition source. 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 Static Discharge:

Take precautionary measures against static discharges.

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. Do not use a direct stream of water.

Section 6: Accidental Release Measures

Leak or Spill Procedures:

Contain spilled material. Avoid contamination of natural waterways. 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 absorbent material and collect adsorbate for disposal. For large quantities refer to the environmental ministry.

Section 7: Handling and Storage

Handling Procedures:

Keep away from heat, spark, flame and other sources of ignition. Do not use on hot vehicles. Use with adequate ventilation. Avoid breathing vapours. 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. Storage temperatures should not exceed 40°C.

Keep from freezing. Keep away from children.

Section 8: Exposure Controls/Personal Protection

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

Gloves: Latex

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. General mechanical ventilation is not recommended as the sole means of controlling exposure. 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

Odour: Not Available

Appearance: Milky white.

Evaporation Rate: Not Available

Vapour Density (Air=1): Not Available

Boiling Point: Not Available

pH: 9.6

Solubility in Water: Miscible.

Specific Gravity (H₂O=1): 0.99

Viscosity: 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 H₂O₂, HNO₃, and oleum. Light.

Conditions of Reactivity:
Keep away from heat, sparks and flame.

Section 11: Toxicological Information

Irritancy of Product:

None.

Sensitization to product:

Contains no known skin or respiratory sensitizers.

Carcinogenicity:

Petroleum derived oils may contain Polyaromatic Hydrocarbons (PAH) contaminants. Solvent refining and hydrotreating oil removes PAH's virtually eliminating the risk of cancer normally associated with PAH's and oils.

Reproductive Effects:

Not Available

Teratogenicity:

Not Available

Mutagenicity:

Not Available

Synergistic Products:

Not Available

Section 12: Ecological Information

Environmental: Not available

Biodegradability: Not readily biodegradable

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 2.2, UN1950, ERG #126.

Marine shipment: AEROSOLS, Class 2, UN1950, EmS# F-E, S-U.

Flash Point (°C): Not Applicable.

Air Shipment: Aerosols, Non-flammable, N.O.S., Class 2.2, 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, 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: 241B
Prepared By: Michael Jou, B.A.Sc., Shrader Canada Limited
Information Tel #: 1-905-847-0222, 1-800-201-9486
Information Fax #: (905) 847-5404

CANUTEC EMERGENCY (613) 996-6666
