

Section I. Product Identification and Uses

HMIS (HFRP)

Health Hazard 2

Fire Hazard 2

Reactivity 0

Personal Protection r

Common / Trade name	SOLV PRE-WASH GREASE REMOVER	TDG	Class 3
WHMIS	B3, D2A, D2B	PIN	UN1993 FLAMMABLE LIQUID, N.O.S. (Isopropanol)
Code	0346	PG	III
Material uses	Emulsifier		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Nonyl phenol ethoxylate	9016-45-9	60 - 100	Not available.	Not available.
Ethylene glycol	107-21-1	3 - 7	Not available.	ORAL (LD50): Acute: 4700 mg/kg [Rat]. DERMAL (LD50): Acute: 9530 mg/kg [Rabbit].
Isopropyl alcohol	67-63-0	1 - 5	ACGIH TLV (Canada). TWA: 400 ppm 8 hour (s).	ORAL (LD50): Acute: 3600 mg/kg [Mouse.]. > 4720 mg/kg [Rat].
Alcohols, C9-11 ethoxylated	68439-46-3	20 - 50	Not available.	Acute toxicity: ORAL (LD50): > 4600 mg/kg [Rat]; DERMAL (LD50): > 2000 mg/kg [Rabbit].

Section III. First Aid Measures

Eye contact IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, seek medical attention.

Skin contact Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.

Inhalation Allow to rest in a well ventilated area. If discomfort persists seek medical attention.

Ingestion DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid. (Clear.)	Colour	Colorless.
pH (1% soln/water)	Neutral.	Odour	Alcohol like.
pH (concentrate)	Not available.	Volatility	Not available.
Boiling point	Weighted average: 123.68°C (254.6°F)	Vapour density	Weighted average: 1.57 (Air = 1)
Specific gravity	1.03 to 1.05 (Water = 1)	Vapour pressure	Weighted average: 2.14 kPa (16.05 mm Hg) (at 20°C)
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether. Partially soluble in n-octanol.		

Section V. Fire and Explosion Data

The product is	Combustible.
Auto-ignition temperature	398.89°C (750°F) (Isopropyl alcohol).
Flash points	Closed cup: 48°C (117°F).
Degradation products	These products are carbon oxides (CO, CO2),
Extinguishing media	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	See fire degradation products.
Reactivity	Slightly reactive to reactive with oxidizing agents, acids.

Section VII. Toxicological properties

Route of entry Ingestion. Eyes. Inhalation. Skin.

Toxicity for animals See section II

Acute effects Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. HARMFUL IF SWALLOWED. Inflammation of the eye is characterized by redness, watering, and itching.

Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available Repeated or prolonged exposure to the substance can produce target organs damage. Prolonged exposure may cause skin and eye chronic irritation.

Section VIII. Preventive measure

- Waste disposal** Recycle, if possible. Consult your local or regional authorities.
- Storage** Keep container dry. Keep in a cool well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.
- Precautions** Avoid contact with skin and eyes. Avoid breathing vapors or spray mists. Do not ingest. Store and use away from heat, sparks, open flame, or any other ignition source. Keep in a cool, well-ventilated place. Keep out of reach of children.
- Spill and leak** Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section IX. Personal protective equipment

- Gloves** Gloves (impervious)
- Respiratory** In case of insufficient ventilation, wear suitable respiratory equipment.
- Eyes** Splash goggles.
- Other** Full suit, apron, face shield, boots: are recommended under exceptional circumstances such as fire, spill, or for prolonged contact with bulk quantities.
- Eng. controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
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Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on November 21, 2017

EMERGENCY: CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

- HMIS** Hazardous Materials Identification System
- WHMIS** WHMIS Workplace Hazardous Materials Information System
- TDG** Transport Dangerous Goods
- PIN** Product Identification Number
- PG** Packaging Group
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