

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product name COIL AND FIN CLEANER
Use of the substance/mixture PRESSURIZED WATER BASED CLEANER
Company SHARE CANADA
1691 CHURCH AVENUE
WINNIPEG, MB R2X 2Y7
TELEPHONE: 1-800-665-7692
Emergency number CANUTEC 1-613-966-6666

SECTION 2 - HAZARDS IDENTIFICATION

GHS labeling

Hazard pictograms:



Signal word : Danger

Hazard statements : Extremely flammable aerosol
May cause an allergic skin reaction.

Precautionary statements : Keep away from heat, hot surfaces, Do not smoke, open flames, sparks. - No smoking
Do not spray on an open flame or other ignition source
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use
Wash thoroughly after handling
Contaminated clothing must not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye protection, face protection.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION %
Butane	106-97-8	2.5 – 10
Glycol Ether EB	111-76-2	1 - 2.5
Propane	74-98-6	1 - 2.5
Diethylene Glycol Monoethyl Ether	111-90-0	1 - 2.5
Tetrasodium ethylenediaminetetracetate	64-02-8	1 - 2.5
(+)-limonene	5989-27-5	0.1 – 1

SECTION 4 – FIRST AID MEASURES

First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. For minor skin contact, avoid spreading material on unaffected skin.
First-aid measures after eye contact	: Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a physician immediately.

Symptoms/injuries : Causes serious eye irritation. May cause an allergic skin reaction. Extremely flammable.

Symptoms/injuries after inhalation : Irritation of the nasal mucous membranes.

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

Treat symptomatically.

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SECTION 5 – FIRE FIGHTING MEASURES

- Suitable extinguishing media : Water.
- Fire hazard : Extremely flammable aerosol. Under fire conditions closed containers may rupture or explode.
- Explosion hazard : Contents under pressure. Pressurized container: may burst if heated.
- Reactivity : Upon combustion: CO and CO₂ are formed.
- Firefighting instructions : Exercise caution when fighting any chemical fire. Move containers away from the fire area if this can be done without risk. Use water spray or fog for cooling exposed containers. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 – ACCIDENTAL RELEASE MEASURE

- General measures : Stay upwind/keep distance from source. Evacuate unnecessary personnel. Vapours may travel long distances along ground before igniting/flashing back to vapour source.

For non-emergency personnel

- Protective equipment : Do not enter without an appropriate protective equipment. Advise local authorities if considered necessary. DO NOT touch spilled material. Ventilate the area thoroughly, especially low lying areas (basements, work pits etc.).
- Emergency procedures : Do not breathe gas. Evacuate unnecessary personnel. Keep upwind. Ventilate spillage area.

For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

Avoid release to the environment. Advise local authorities if considered necessary. Stop leak if safe to do so. Do not contaminate water with the product or its container. Prevent entry to sewers and public waters. Do not allow to enter drains or water courses.

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- For containment : Eliminate every possible source of ignition. Prevent the product from entering drains or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Form with air vapours (heavier than air) that stay on the floor. Stop leak if safe to do so. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. Isolate area until gas has dispersed. Collect spillage.
- Methods for cleaning up : Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Dispose as hazardous waste.

SECTION 7 – HANDLING AND STORAGE

- Additional hazards when processed : Do not use if spray button is missing or defective. Pressurized container: Do not pierce or burn, even after use. Keep away from heat, sparks and flame.
- Precautions for safe handling : Avoid prolonged and repeated contact with skin. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Do not breathe gas/vapour/aerosol. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not spray on a naked flame or any incandescent material. Do not smoke while handling product. Ground/bond container and receiving equipment. Do not re-use empty containers. Avoid contact with skin and eyes. Use only outdoors or in a well-ventilated area. Observe normal hygiene standards. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Do not discharge the waste into the drain.
- Hygiene measures : Wash thoroughly after handling.
- Technical measures : Pressurized container. Do not puncture, incinerate or crush. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep cool. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F.
- Storage temperature : < 49 °C
- Storage area : Aerosol 1.

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SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Glycol Ether EB (111-76-2)

ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
propane (74-98-6)		
ACGIH	ACGIH TWA (ppm)	1000 ppm
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

butane (106-97-8)

ACGIH	ACGIH TWA (ppm)	1000 ppm
ACGIH	ACGIH STEL (ppm)	1000 ppm

Appropriate engineering controls	:	Ensure good ventilation of the work station.
Personal protective equipment	:	Gloves. Protective goggles. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.
		

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Gas
Appearance	: Aerosol. Clear, colorless liquid.
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 102 °C Estimated
Flash point	: -104 °C Propellant estimated
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 0.969 g/ml
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Upon combustion: CO and CO₂ are formed.

Stability: Stable under normal conditions. No dangerous reactions known under normal conditions of use.
Conditions to avoid : Exposure to air.

Incompatible materials : Oxygen. Do not mix with other chemicals. None known.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity : Not classified

Glycol Ether EB (111-76-2)	
LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
ATE CLP (dust, mist)	1.500 mg/l/4h
(+)-limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across)
LD50 dermal rabbit	> 5000 mg/kg body weight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
ATE CLP (oral)	4400.000 mg/kg body weight

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Tetrasodium ethylenediaminetetracetate (64-02-8)

LD50 oral rat	> 2000 mg/kg (Rat)
ATE CLP (oral)	500.000 mg/kg body weight

Diethylene Glycol Monoethyl Ether (111-90-0)

LD50 oral rat	1920 mg/kg
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Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Glycol Ether EB (111-76-2)

IARC group	3 - Not Classifiable
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(+)-limonene (5989-27-5)

IARC group	3 - Not Classifiable
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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified.

Glycol Ether EB (111-76-2)

LOAEL (oral,rat,90 days)	69 mg/kg bodyweight/day Target organ: liver
NOAEL (dermal,rat/rabbit,90 days)	150 mg/kg bodyweight/day

Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Irritation of the nasal mucous membranes.
Symptoms/injuries after skin contact	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye irritation.

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- Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
- Likely routes of exposure : Skin and eyes contact, inhalation

SECTION 12 - ECOLOGICAL INFORMATION

- Ecology (General): No additional information available.
- Persistence and degradability: No additional information available.
- Bioaccumulation potential: No additional information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

- Waste treatment methods : Contents under pressure. Do not puncture, incinerate or crush.
- Waste disposal recommendations : Dispose of contents/container to comply with local/regional / national regulations.

SECTION 14 – TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG)

- UN Number : UN1950
- Proper Shipping Name : Aerosols
flammable, (Limited Quantity not exceeding 1 L capacity)
- Transport hazard class(es) : 2.1 - Class 2.1 - Flammable gas

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS
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