

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Windshield Wash (#804)

Recommended use: Windshield Washer Fluid

Manufacturer: EnviroWay Detergent Manufacturing Incorporated

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Tel: 306-244-7727

Fax: 306-244-7772

Toll free: 1-888-274-0862, www.envioway.ca

Emergency phone:

Leak and Spill: 1-800-667-7525 (SASK SPILLS) for the Province of Saskatchewan

1-866-845-6037 (Environment Canada) for anywhere else

In Transit: 1-613-996-6666 or *666 on cellular phone (CANUTEC)

Poison Control: 1-866-454-1212 (Saskatchewan)

SECTION 2: HAZARD IDENTIFICATION

Hazard classification

Flammable liquids Category 2

Acute toxicity – Oral Category 4

STOT Single exposure (CNS) Category 1

Signal word Danger



Hazard statements

Highly flammable liquid and vapour.

Harmful if swallowed.

Causes damage to the optic nerve and central nervous system.

Precautionary statements

Prevention Keep away from heat, hot surfaces, open flames, sparks and other ignition sources. No smoking.

Keep container tightly closed.

Ground and bond container and receiving equipment.

Use explosion-proof electrical, ventilating, lighting equipment.

Use non-sparking tools.

Take action to prevent static discharges

	Wash hands thoroughly after handling.
	Do not eat, drink or smoke when using this product.
	Do not breathe mist, vapours or spray.
	Wear protective gloves, protective clothing, eye protection, and face protection.
Response	If exposed or concerned: Call a POISON CENTRE/doctor.
	In case of fire: Use dry chemical, carbon dioxide, water and foam.
	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
	IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. Rinse mouth.
Storage	Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	Dispose of in accordance with local regulations at government approved waste sites.

SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Methyl alcohol	67-56-1	30-40

Ingredients not shown are either not hazardous or present below cut-off values. Ranges shown are due to batch-to-batch variation.

SECTION 4: FIRST AID MEASURES

IF SWALLOWED: Do not induce vomiting. Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.

IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation persists: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists: Get medical advice/attention.

IF exposed or concerned: Call a POISON CENTER/doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If person is not breathing perform CPR.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: Flammable liquid and vapour.

Means of Extinction: Use dry chemical, carbon dioxide, water and foam.

Flashpoint: 25-28°C

Special Fire Fighting Procedures: Use water spray to keep containers cool. Fire fighters should wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Flush liquid to sewer with plenty of water, if the spill is small. Large spills should be contained by surrounding with soil or other non-combustible absorbent material and then pump into DOT approved containers.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Handle in accordance with good industrial hygiene.

Storage Requirements: Store in a dry and well ventilated place away from incompatible materials. Avoid contact with skin and eyes.

*****KEEP OUT OF REACH OF CHILDREN*****

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Methyl alcohol	(STEL)250 ppm (Skin)	(TWA)200 ppm	Not available

Gloves: Wear safety gloves

Respirator: Use a NIOSH approved respirator if a risk assessment indicates it necessary.

Eye: Wear safety glasses.

Footwear: Not required for regular use

Clothing: Wear protective clothing

Other (specify): An eye wash station and shower should be available nearby.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid

Odour: Mild chemical scent

Odour Threshold (ppm): Information not available

pH: 10.2 ±0.2

Freezing Point: Information not available

Initial Boiling Point/Range: 100°C

Flash point: 25-28°C

Evaporation Rate: Information not available

Flammability: Flammable liquid and vapour

Upper/lower flammability/explosive limit: 36%/6%

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): >1

Relative density: 0.95±0.02

Solubility in Water: Soluble

Partition coefficient: Information not available

Auto-ignition temperature: 385°C

Decomposition temperature: Information not available

Viscosity: Information not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Not known

Materials to Avoid: Oxidizing materials, acids and alkalis.

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

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (human)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Methyl alcohol	143	15,800	43.68

EFFECTS OF ACUTE EXPOSURE:

Ingestion: Ingestions of large amounts may cause nausea, headaches, vomiting and diarrhoea.

Skin Contact: Causes mild skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: May cause coughing, headaches, vomiting or nausea.

Germ cell mutagenicity: Not applicable

Carcinogenicity: Not applicable

Reproductive toxicity: Not applicable

STOT single exposure: May cause damage to the optic nerve and central nervous system.

STOT repeated exposure: Not applicable

Aspiration hazard: Not applicable

Routes of exposure: Ingestion, inhalation, skin/eye exposure

EFFECTS OF CHRONIC EXPOSURE:

Skin Contact: Not known.

Eye Contact: Not known.

Ingestion: Not known

Numerical measures of toxicity:

Oral: LD50 386 mg/kg

Dermal: LD50 46,206 mg/kg

Inhalation: LC50 346 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Methyl alcohol	LC50 9640 mg/L, 96h	EC50 7550 mg/L, 48h	Not available

Persistence and Degradability: Expected to be readily biodegradable.

Bioaccumulation/Accumulation: No information available.

Mobility: No information available.

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with local regulations at government approved waste sites.

SECTION 14: TRANSPORT INFORMATION

Special Shipping Information: None

TDG (Canada)

TDG Proper Shipping Name: Flammable liquid, n.o.s. (methyl alcohol)

Hazard Class: 3

UN Number: UN1993

Packing Group: III

Note: No additional remark.

Marine Pollutant: None

SECTION 15: REGULATORY INFORMATION

Canadian DSL Inventory Status: All ingredients are specified on the Domestic Substances List or exempt

SECTION 16: OTHER INFORMATION

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