

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: White Board Cleaner (#807)

Recommended use: White board cleaner

Manufacturer: EnviroWay Detergent Manufacturing Incorporated
2241 Hanselman Ave.
Saskatoon, SK S7L 6A7, Canada
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
Serious eye damage/irritation	Category 2A
STOT Single exposure (CNS)	Category 3

Signal word Danger



Hazard statements

Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.

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 and lighting equipment.
Use non-sparking tools.
Take action to prevent static discharges.

Wash hands thoroughly after handling.
 Wear protective gloves, protective clothing, eye protection, and face protection.
 Avoid breathing fume, mist, vapours, or spray.
 Use only outdoors or in a well-ventilated area.

Response In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTRE/doctor if you feel unwell.

Storage Store locked up. Store in a well-ventilated place. Keep container tightly closed.

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
Isopropyl Alcohol	67-63-0	90-100
ethylene glycol monobutyl ether	111-76-2	1-5

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: If large quantities are consumed, it may cause headache, dizziness, disorientation, nausea, vomiting and diarrhoea.

IF ON SKIN: Immediately remove contaminated clothing and rinse skin. If irritation occurs, seek medical 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: Get medical advice/attention if you feel unwell.

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: Highly flammable liquid and vapour

Means of Extinction: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Flashpoint: 18°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: Clean up spill with absorbent material. Rinse residue with water.

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
Isopropyl Alcohol	(STEL)400 ppm	(TWA)400 ppm	Not available
ethylene glycol monobutyl ether	100mg/m3 STEL	50ppm TWA	Not available

Gloves: Wear protective gloves

Respirator: If exposure levels are excessive, use an approved respirator

Eye: Wear chemical safety glasses

Footwear: Not required for regular use

Clothing: Wear protective clothing

Other: An eyewash station and shower should be available nearby.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odour: Chemical scent

Odour Threshold (ppm): Information not available

pH: 10.2

Freezing Point: Information not available

Initial Boiling Point/Range: Information not available

Flash point: 18°C

Evaporation Rate: Information not available

Flammability: Very flammable liquid and vapour

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Information not available

Vapour Density (air = 1): Information not available

Relative density: Information not available

Solubility in Water: Soluble

Partition coefficient: Information not available

Auto-ignition temperature: Information not available

Decomposition temperature: Information not available

Viscosity: Information not available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Not known

Materials to Avoid: Acids, alkali metals, oxidizing agents, iron salts, potassium, aluminium.

Hazardous Decomposition Products: Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Isopropyl Alcohol	>5000	12800	72.6
ethylene glycol monobutyl ether	1300	220	450

EFFECTS OF ACUTE EXPOSURE:

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

Skin Contact: Prolonged contact may cause dryness and irritation of the skin.

Eye Contact: Causes serious eye irritation.

Inhalation: May cause coughing, headaches, disorientation, blurred vision, dizziness, fatigue or nausea.

Germ cell mutagenicity: Not applicable

Carcinogenicity: Isopropyl Alcohol is listed as an IARC Group 3 carcinogen: not classifiable as to its carcinogenicity in humans

Reproductive toxicity: Not applicable

STOT single exposure: May cause drowsiness or dizziness.

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 15,496 mg/kg

Dermal: LD50 8,396 mg/kg

Inhalation: LC50 77 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Isopropyl Alcohol	LC ₅₀ (96h): 9640mg/L	EC ₅₀ (48h): 7550mg/L	Not available
ethylene glycol monobutyl ether	LC ₅₀ (96h): 1474mg/L	Not available	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. (Isopropyl alcohol)

Hazard Class: Class 3

UN Number: UN1993

Packing Group: II

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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