

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name :- OXY-GROUT CLEANER

Other Product Identifiers :- ENV-321

Recommended use : Tiles and grout cleaner

Manufacturer: EnviroWay Manufacturing Inc

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

Manufactured for: EnviroWay Manufacturing Inc.

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

(For undiluted form only)

Serious Eye damage/eye irritation

Category 1

Skin irritation

Category 2B

Oxidizer

Category 3

Signal Word

DANGER!

Hazard statement

May cause severe eye irritation or damage.

May cause mild skin irritation.

May cause or intensify fire, oxidizer.



Precautionary Statement

Prevention Keep away from heat, sparks and open flame. - No smoking.

Keep container tightly closed.
 Avoid release to the environment.
 Ground/Bond container and receiving equipment.
 Use explosion-proof electrical and ventilating equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Wash hands and face thoroughly after handling.
 Wear eye/face protection.
 Wear protective gloves.
 Contaminated work clothing must not be allowed out of the workplace.
 Wear protective gloves and eye/face protection

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician
 IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
 IF exposed or concerned: call a POISON CENTER or doctor/physician.
 IF exposed or concerned: Get medical advice/attention.
 Absorb spillage to prevent material damage.
 Take off contaminated clothing and wash it before reuse.

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

Disposal Dispose of contents/container in accordance with local regulation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture: Mixture

The following ingredients have hazardous properties:

(Concentrated form):

Ingredient	CAS #	% by weight
Hydrogen peroxide	7722-84-1	1-5
Alcohol C12-16 ethoxylated	0068551-12-2	1-5

This product is a consumer product and therefore an SDS is not required. This SDS fully discloses any health and safety hazards but limits the disclosure of ingredient ranges for proprietary reasons.

SECTION 4: FIRST AID MEASURES

IF SWALLOWED: Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting without advice from the poison control center.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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

IF exposed or concerned: Get medical advice/attention.

Most important symptoms/effects/effects acute and delayed: See Section 11 for more detailed information on health effects and symptoms.

Immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: Non-flammable

Suitable extinguishing media: Water. Do not use any other substance.

Unsuitable extinguishing media: All except water.

Specific hazards: On decomposition product releases oxygen which may intensify fire.

Special Fire Fighting Procedures: Use water spray to cool fire exposed surfaces and protect personnel. Move containers from fire area if you can do it without risk. As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURE

Personal precautions: All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Methods for containment: Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

Spill containment and cleaning-up: Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Environmental protection: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

SECTION 7: HANDLING AND STORAGE MEASURES

Storage Requirements: Keep/Store away from clothing/ combustible materials. Wear personal protective equipment. Reference to other sections. Never return unused hydrogen peroxide to original container.

Contamination may cause decomposition and generation of oxygen gas which could result in high pressures and possible container rupture. Empty drums should be triple rinsed with water before discarding. Utensils used for handling hydrogen peroxide should only be made of glass, stainless steel, aluminum or plastic. Pipes and

equipment should be passivated before first use. Use only in well-ventilated areas. Hydrogen peroxide should be stored only in vented containers and transferred only in a prescribed manner.

Incompatible materials: Combustible materials. Copper alloys, galvanized iron. Strong reducing agents. Heavy metals. Iron. Copper alloys. Contact with metals, metallic ions, alkalis, reducing agents and organic matter (such as alcohols or terpenes) may produce self-accelerated thermal decomposition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure Limit- ACGIH	Exposure Limit- OSHA	Exposure Limit- IDLH
Hydrogen peroxide	1 ppm	1 ppm	75 ppm
Alcohol c12-16 ethoxylated	N/A	N/A	N/A

Gloves: Required for regular use

Respirator: Not required for regular use

Eye: Wear eye protection.

Footwear: Not required for regular use.

Clothing: Not required for regular use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid

Odour: Scented

Odour Threshold: Information not available

pH: 4-5

Freezing Point/Boiling point: Information not available/100°C

Flash point: Information not available

Evaporation Rate: Information not available

Flammability: Non-Flammable

Upper/Lower flammability/explosive limit: Not applicable

Vapour Pressure (mmHg): Information not available

Vapour Density (air=1): Information not available

Relative Density: 1.01 g/mL

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: The product is stable and non-reactive under normal conditions of use, storage and transport

Possibility of hazardous reactions:- No dangerous reaction known under conditions of normal use.

Materials to Avoid: Keep away from open flames, hot surfaces and sources of ignition.

Hazardous Decomposition Products: Thermal decomposition leads to formation of acrolein, Carbon monoxide (CO), Carbon dioxide (CO₂), Smoke, Fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredients	LD50 oral (mg/kg)(rat)	LD50 dermal (mg/kg)	LC50 Inhalation (mg/l)
Hydrogen Peroxide	910	4060	2000
Alcohol c12-16 ethoxylated	2000	N/A	N/A

EFFECTS OF ACUTE EXPOSURE:

Skin Contact: May cause serious skin damage and irritation

Eye Contact: May cause serious eye damage

Inhalation: May be harmful if inhaled

Ingestion: May be harmful if swallowed.

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: Not applicable

Carcinogenicity: Not known to be carcinogenic. No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive toxicity: Not available

STOT single exposure: Not available

STOT repeated exposure: Can damage respiratory tract with repeated exposure.

Aspiration hazard: Not available

Routes of exposure: Ingestion, skin/eye exposure

EFFECTS OF CHRONIC EXPOSURE:

Skin Contact: Not known.

Eye Contact: Not known.

Ingestion: Not known

Numerical measures of toxicity:

(CONCENTRATED)

ATE Oral: 14033 mg/kg

ATE Dermal: 86382 mg/kg

ATE Inhalation: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ingredients	Fish	Crustacean	Algae
Hydrogen Peroxide	LC50 (96h) – 35 mg/L	EC50 (24h) – 7.7 mg/L	EC50 (72h) – 1.38 mg/L
Alcohol c12-16 ethoxylated	LC50 (96h) – 1-10 mg/L	EC50 (48h) – 0.1-1 mg/L	N/A

Persistence and degradability: Expected to be readily biodegradable

Bioaccumulation/Accumulation: No information available.

Mobility: No information available

Other adverse effects: Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.

13.2. Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

13.3. Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

13.4. Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORT INFORMATION

Special Shipping Information: None

TDG (Canada):

TDG Proper Shipping Name:

Hazard Class:

UN Number:

Packing Group:

Note: None

Marine Pollutant: None

DOT (US):

DOT Shipping Name:

DOT Hazardous Class:

DOT UN Number:

DOT Packing Group:

DOT Reportable Quantity (lbs): Not Available.

Note: None

Marine Pollutant: None

SECTION 15: REGULATORY INFORMATION

15.1 Notification status

All the ingredients in this product are in compliance with TSCA and DSL inventory.

SECTION 16: OTHER INFORMATION

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