

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Oxy Bleach (ENV-1125)
Recommended use: Laundry stain remover
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.enviroway.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

Skin corrosion/irritation	Category 2
Serious eye damage/irritation	Category 2
Oxidizing solids	Category 2
Acute toxicity; oral	Category 4
Acute toxicity; dermal	Category 4

Signal word Warning



Hazard statements

Causes skin irritation.
Causes eye irritation.
May intensify fire, oxidizer.
May be harmful if swallowed.
May be harmful if on skin.

Precautionary statements

Prevention Wash hands thoroughly after handling.

Response Wear protective gloves, eye protection and face protection.
 IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately seek medical attention.

SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Sodium carbonate	497-19-8	5-10
Alcohols (c12-15 Ln. Saturated) Ethoxylate	68131-39-5	1-5
Sodium percarbonate	15630-89-4	80-90
Sodium sulfate	7757-82-6	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: Rinse mouth with water. If symptoms occur, seek medical attention.
IF ON SKIN: Wash with plenty of water. Remove contaminated clothing and wash it before reuse. If irritation persists, seek medical attention.
IF IN EYES: Rinse eyes continuously for 30 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately seek medical attention.
IF INHALED: Remove victim to fresh air. If symptoms persist, seek medical attention.
IF exposed or concerned: Seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: Oxidizing properties, not combustible
Means of Extinction: Use water spray, dry chemical, CO₂ or alcohol foam for surrounding fire.
Flashpoint: Not available
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and full protective clothing.
Hazardous combustion products: In case of fire may be liberated: Carbon monoxide (CO), Carbon dioxide (CO₂).

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 diking with soil or other non-combustible absorbent material and then put into dot approved containers.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Avoid contact with skin and eyes. Do not ingest. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge.
Storage Requirements: Store locked up in a cool, dry, well-ventilated place away from incompatible materials. Keep container tightly closed when not in use.

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Sodium carbonate	Not available	Not available	Not available
Alcohols (c12-15 Ln. Saturated) Ethoxylate	Not available	Not available	Not available
Sodium percarbonate	Not available	Not available	Not available
Sodium sulfate	Not available	Not available	Not available

Gloves: Chemical resistant gloves.

Respirator: Use NIOSH-approved equipment when airborne exposure limits are exceeded.

Eye: Safety glasses if handling large amounts and if there is significant probability of splashes.

Clothing: Wear appropriate chemical resistant clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Powder

Odour: Mild chemical scent

Odour Threshold (ppm): Not available

pH: 11.0

Freezing Point: Not applicable

Initial Boiling Point/Range: Not applicable

Flash point: Not available

Evaporation Rate: Not applicable

Flammability: Not flammable

Upper/lower flammability/explosive limit: Information not available

Vapour Pressure (mmHg): Not available

Vapour Density (air = 1): Information not available

Relative density: 1.05

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: Will not occur.

Materials to Avoid: Strong alkalis and strong oxidizers.

Hazardous Decomposition Products: May release sulphur trioxide, phosphorus pentoxide, carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Sodium carbonate	2080	>2000	2.3
Alcohols (c12-15 Ln. Saturated) Ethoxylate	3000	>2000	Not available
Sodium percarbonate	1034	>2000	>4.58
Sodium sulfate	5989	Not available	Not available

EFFECTS OF ACUTE EXPOSURE:

Ingestion: Ingestion may cause nausea, vomiting, and stomach pain

Skin Contact: Causes skin irritation.

Eye Contact: Causes eye damage or irritation.

Inhalation: Generation of mists can cause irritation to the upper respiratory tract.

Germ cell mutagenicity: Not applicable

Carcinogenicity: This product does not contain carcinogenic substances as classified by IARC, NTP, ACGIH or OSHA.

Reproductive toxicity: Not applicable

STOT single exposure: May cause damage to organs.

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 1113 mg/kg

Dermal: LD50 2020 mg/kg

Inhalation: LC50 5.26 mg/l

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Sodium carbonate	LC ₅₀ (96h): 300-500 mg/L	EC ₅₀ (48h): 220 mg/L (Daphnia)	EC ₅₀ (72h): 242 mg/L
Alcohols (c12-15 Ln. Saturated) Ethoxylate	LC ₅₀ (96h): 1-10 mg/L	EC ₅₀ (48h): 1-10 mg/L (Daphnia)	EC ₅₀ (72h): 0.1-1 mg/L
Sodium percarbonate	LC ₅₀ (96h): 70 mg/L	EC ₅₀ (48h): 4.9 mg/L (Daphnia)	EC ₅₀ (72h): 50 mg/L
Sodium sulfate	LC ₅₀ (96h): 3500-7000 mg/L	EC ₅₀ (48h): 2564 mg/L (Daphnia)	EC ₅₀ (72h): >120 mg/L

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: Not regulated

Hazard Class: Not regulated

UN Number: Not regulated

Packing Group: Not regulated

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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