

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Pond Clear 2.0

Other means of identification: ENV-2020

Recommended use: Water Clarification, Reduction of Ammonia and Nitrites – Broad spectrum

Restrictions on use: None

Manufacturer: EnviroWay

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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

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

SECTION 2: HAZARD IDENTIFICATION

Hazard classification

Serious eye damage/irritation

Category 1

Signal word Danger



Hazard statements

Causes serious eye damage.

Prevention Wear eye protection/face protection.

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTRE/doctor.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Hazardous materials

Chemical name	CAS #	% by weight
Sodium percarbonate	15630-89-4	5-15

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes in running water for at least 15 minutes. Get medical attention if irritation persists.

Inhalation: Call a POISON CENTRE/doctor if you feel unwell.

Skin Contact: Wash thoroughly with soap and water. If irritation persists, get medical attention.

Ingestion: Call a POISON CENTRE/doctor if you feel unwell.

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: Not available

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

Suitable extinguishing media: Use water spray, or fog

Unsuitable extinguishing media: None

Flashpoint: Information not available

Special Fire Fighting Procedures: Information not available

Hazardous Combustion Products: May produce oxides of carbon and nitrogen

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Collect spillage. Use a water rinse for final cleanup.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment Do not ingest. Avoid contact with skin and eyes.

Storage Requirements: Store in a dry, cool, well-ventilated area between 5°C to 40°C and away from direct sunlight. Store away from incompatible materials such as strong acids. Avoid food contamination.

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Sodium percarbonate	Not available	Not available	Not available
Bacterial Cultures/Enzymes	Not available	Not available	Not available

Gloves: Under normal use, none required but recommended. Wash hands after use.

Respirator: Not required with routine usage.

Eye: Wear eye protection.

Footwear: No special footwear is required.

Clothing: None required with normal use. If prolonged or repeated contact is possible, wear suitable gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Straw coloured powder in clear pouch

Odour: Earthy scent
Odour Threshold (ppm): Information not available
pH: 6.8-8.5
Melting point/Freezing Point: Information not available
Initial Boiling Point/Range: Information not available
Flash point: Information not available
Evaporation Rate: Information not available
Flammability: Information not available
Upper/lower flammability/explosive limit: Information not available
Vapour Pressure (mmHg): Information not available
Vapour Density (air = 1): Weighted average: 1
Relative density: 0.5-0.61g/cm³
Solubility in Water: Moderate (disperses in water)
Partition coefficient: Information not available
Auto-ignition temperature: Information not available
Decomposition temperature: Information not available
Viscosity: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: Will not occur.
Materials to Avoid: Moisture, heat, exposure to harsh chemical substances such as acids
Hazardous Decomposition Products: May produce oxides of carbon and nitrogen

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Bacterial Cultures/Enzymes	Not established*	Not established*	Not established*
Sodium Percarbonate	1034	Not available	Not available

* Product formulation consists of a range of naturally occurring microorganisms which are known to be non-pathogenic to humans, livestock, and agricultural crops.

EFFECTS OF ACUTE EXPOSURE:

Skin Contact: May cause slight irritation. Prolonged or repeated contact may cause drying or irritation of the skin.
Eye Contact: Causes serious eye damage
Inhalation: May cause asthmatic type response in sensitive individuals.
Ingestion: May cause nausea, vomiting, and gastrointestinal irritation and diarrhoea. May be harmful if swallowed.

Germ cell mutagenicity: Not available
Carcinogenicity: None of the ingredients are on IARC or ACGIH lists as carcinogens

Reproductive toxicity: Not available
STOT single exposure: Not available



STOT repeated exposure: Not available

Aspiration hazard: Not available

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

EFFECTS OF CHRONIC EXPOSURE:

Skin Contact: Not known.

Eye Contact: Not known.

Ingestion: Not known

Numerical measure of toxicity:

Oral: LD50 6893mg/kg

Dermal: Not available.

Inhalation: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Ingredient toxicity values with regards to the environment:

Ingredient	Fish	Crustaceans	Algae
Sodium Percarbonate	LC50 70.7 mg/L, 96h	EC50 4.9mg/L, 48h	Not available
Bacterial Cultures/Enzymes	Not Established	Not Established	Not Established

Persistence and Degradability: Biodegradable.

Bioaccumulation/Accumulation: Does not bioaccumulate

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 Applicable.

UN Number: Not Applicable.

Packing Group: Not Applicable.

Note: No additional remark.

Marine Pollutant: None

DOT (US):

DOT Shipping Name: Not Regulated.

DOT Hazardous Class: Not Applicable.



DOT UN Number: Not Applicable.

DOT Packing Group: Not Applicable.

DOT Reportable Quantity (lbs): Not Available.

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. No safety, health, or environmental regulations specific to this product are known.

SECTION 16: OTHER INFORMATION

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