

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Neutralizer/Floor Cleaner (ENV-703JAR)

Recommended use:

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

Acute toxicity – oral	Category 5
Skin corrosion/irritation	Category 3
Serious eye damage/irritation	Category 2

Signal word Warning



Hazard statements

May be harmful if swallowed.
Causes mild skin irritation.
Causes serious eye irritation.

Precautionary statements

Prevention Wash hands thoroughly after handling.

Wear eye protection and face protection.

Response Call a POISON CENTER/doctor if you feel unwell.

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 so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

SECTION 3: COMPOSITION

The following ingredients have hazardous properties:

Ingredient	CAS #	% by weight
Citric acid	77-92-9	80-90
Sodium carbonate	497-19-8	10-20

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 ON SKIN (or hair): Rinse skin with water or shower. 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 irritation persists, seek medical attention.

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

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

Flashpoint: Not available

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: Pickup with mops. Wash down residue with water.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Handle in accordance with good industrial hygiene. Avoid contact with skin and eyes.

Storage Requirements: Store locked up. Store in a dry, well ventilated and cool place away from incompatible materials. Avoid contact with skin and eyes. Wash affected skin and clothing with soap and water after use.

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Citric acid	Not available	Not available	Not available
Sodium carbonate	Not available	Not available	Not available

Gloves: Wear protective gloves

Respirator: Not required for regular use

Eye: Safety glasses should be worn while product is being handled.

Footwear: Not required for regular use

Clothing: Impervious clothing such as long sleeved shirt and trousers are recommended.

Other (Specify): An eye wash should be available nearby.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White solid
Odour: Odourless
Odour Threshold (ppm): Information not available
pH: 3.5 (10% solution)
Freezing Point: Information not available
Initial Boiling Point/Range: Information not available
Flash point: Not available
Evaporation Rate: Information not available
Flammability: Not flammable
Upper/lower flammability/explosive limit: Information not available
Vapour Pressure (mmHg): Information not available
Vapour Density (air = 1): Information not available
Relative density: 800-850 g/L
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: Harsh chemical substances such as strong acids or bases.
Hazardous Decomposition Products: None known

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Citric acid	3000	Not available	Not available
Sodium carbonate	2800	>2000	1.2

Ingestion: Ingestions of large amounts may cause nausea, headaches, vomiting and diarrhoea.
Skin Contact: Causes mild skin irritation.
Eye Contact: Causes serious 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: Not applicable
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 3,168 mg/kg
Dermal: Information not available
Inhalation: Information not available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Citric acid	LC ₅₀ (96h): 440-706mg/L (Carassius auratus)	Not available	Not available
Sodium carbonate	LC ₅₀ (96h): 300mg/L (Lepomis macrochirus)	EC ₅₀ (48h): 200-227mg/L (Ceriodaphnia)	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: Not Regulated

Hazard Class: Not Applicable.

UN Number: Not Applicable.

Packing Group: Not Applicable.

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.

US TSCA Inventory Status: All ingredients of this product are either on the Toxic Substance Control Act (TSCA) Inventory List or exempt.

SECTION 16: OTHER INFORMATION

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