

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product name: Griddle, Oven & Fryer Cleaner (#1013)

Recommended use: Oven, grill and fryer 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.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

CONCENTRATE HAZARDS:

Hazard classification

Skin corrosion/irritation	Category 1B
Serious eye damage/irritation	Category 1

Signal word Danger



Hazard statements

Causes severe skin burns and eye damage.

Precautionary statements

Prevention	Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection, and face protection. Do not breathe mist, vapours or spray.
Response	Immediately call a POISON CENTRE or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Storage	Store locked up.
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
Sodium hydroxide	1310-73-2	<5
Disodium metasilicate	6834-92-0	<1

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. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

IF ON SKIN (or hair): Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician.

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.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

SECTION 5: FIRE FIGHTING MEASURES

Flammable: No

Means of Extinction: Use CO₂, sand or extinguishing powder.

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: Use a neutralizing agents (eg. Food vinegar, citric acid, sodium bicarbonate in excess). Clean up spill with absorbent material and dispose of waste accordingly.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Wear protective gloves, protective clothing, eye protection, and face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathing mist, vapours or spray. In case of inadequate ventilation wear respiratory protection. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Storage Requirements: Store in a dry, cool, well-ventilated area. Store away from direct sunlight and heat. Do not allow to freeze. Store in original container with closed lid, away from incompatible materials. Store locked up.

SECTION 8: PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Sodium hydroxide	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	10 mg/m ³
Disodium metasilicate	Not available	Not available	Not available

Gloves: Wear protective gloves

Eye: Wear eye and face protection

Clothing: Wear alkaline resistant protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid

Odour: Odourless

Odour Threshold (ppm): Information not available

pH: 13

Freezing Point: Information not available

Initial Boiling Point/Range: 100°C

Flash point: Information 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): <1

Relative density: 1.157

Solubility in Water: Easily soluble

Partition coefficient: Information not available

Auto-ignition temperature: Product is not self-igniting

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: This product can react with strong oxidizing agents and strong acids.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide and traces of volatile halogenated compounds may be released.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	LD50 oral (mg/kg) (rat)	LD50 dermal (mg/kg)	LC50 inhalation (mg/L)
Sodium hydroxide	400	1350	>5000
Disodium metasilicate	1280	Not available	Not available

EFFECTS OF ACUTE EXPOSURE:

Ingestion: May cause burns to the mouth, throat, esophagus and gastrointestinal tract.

Skin Contact: Causes severe skin burns.

Eye Contact: Causes serious eye damage.

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 7,332 mg/kg

Dermal: LD50 22,388 mg/kg

Inhalation: not applicable

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Ingredient	Fish	Crustaceans	Algae
Sodium hydroxide	LC ₅₀ : 152 mg/L (Oncorhynchus tshawytscha)	EC ₅₀ (48h): 40.38 mg/L (Ceriodaphnia dubia)	Not available
Disodium metasilicate	LC ₅₀ (96h): 210mg/L (Danio rerio)	EC ₅₀ (48h): 1700mg/L (Daphnia magna)	EC ₅₀ (72h): 207mg/L (Desmodesmus subspicatus)

Persistence and Degradability: Readily biodegradable.

Bioaccumulation/Accumulation: No bioaccumulation expected.

Mobility: No information available.

Other adverse effects: May lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerable reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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: Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide)

Hazard Class: Class 8

UN Number: UN3266

Packing Group: III

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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