

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**Product name:** Griddle, Oven & Fryer Cleaner

**Other means of identification:** ENV-1013

**Recommended use:** Oven, grill and fryer cleaner.

**Restrictions on use:** Do not mix with acidic cleaners

**Manufacturer:** EnviroWay

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](http://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

### 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/INFORMATION ON INGREDIENTS

**Substance/Mixture:** Mixture

The following ingredients have hazardous properties:

Chemical name	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 CO<sub>2</sub>, sand or extinguishing powder.

**Unsuitable extinguishing media:** None

**Special Fire Fighting Procedures:** Use water spray to keep containers cool. Fire fighters should wear self-contained breathing apparatus and full protective clothing.

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

### 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: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure limit – ACGIH	Exposure limit – OSHA	Exposure limit – IDLH
Sodium hydroxide	2 mg/m <sup>3</sup> Ceiling	2 mg/m <sup>3</sup> Ceiling	10 mg/m <sup>3</sup>
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 <sub>50</sub> : 152 mg/L (Oncorhynchus tshawytscha)	EC <sub>50</sub> (48h): 40.38 mg/L (Ceriodaphnia dubia)	Not available
Disodium metasilicate	LC <sub>50</sub> (96h): 210mg/L (Danio rerio)	EC <sub>50</sub> (48h): 1700mg/L (Daphnia magna)	EC <sub>50</sub> (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. No safety, health, or environmental regulations specific to this product are known.

## SECTION 16: OTHER INFORMATION

**Date of latest revision:** Sept 6, 2019

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