



Alouette Ware Wash Chemicals Inc.

#2130 - 1850 Savage Road, RICHMOND, BC Tel: 604.233.7722

24 HOUR NUMBER: CANUTEC 613-996-6666

Safety Data Sheet

According to HPR, Schedule 1

Clean Oven & Grill

SECTION 1. IDENTIFICATION

- Product Identifier: Oven Cleaner & Grill Grease Cutter Detergent
- Other means of identification (Article number): 1154
- Recommended use: Oven, grill and fryer cleaner
- Restrictions on use: All other uses than those indicated on the product label and technical data sheet
- Manufacturer:
Alouette Chemicals
2130-1851 Savage Road
Richmond (BC) V6V 1R1
604-233-7723
info@alochem.com
- Emergency telephone number: CANUTEC 1-613-996-6666

SECTION 2. HAZARD IDENTIFICATION

- Classification:
Skin Corrosion - Category 1A H314 Causes severe skin burns and eye damage.
Serious Eye Damage - Category 1 H318 Causes serious eye damage.

- Label elements
- Hazard pictograms:



GHS05

- Signal word: Danger
- Hazard statements:

H314 Causes severe skin burns and eye damage.

- Precautionary statements:

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves and eye protection.
P301+P330+P331+P310	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or a doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

- P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P363 Wash contaminated clothing before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents and container in accordance with local, regional and national regulations.
- Hazard not otherwise classified: None Known
 - Notes: For the wording of the listed abbreviations refer to section 16.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

· Chemical characterization: Mixtures

· Components

CAS NO. %	Chemical name or Common name	
1310-73-2	Sodium Hydroxide	7-13% w/w *
527-07-1	Sodium Gluconate	1-5% w/w *
68585-36-4	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C10-14 (even numbered)-alkyl ethers, phosphates	0,5-1,5% w/w *

* Actual concentration ranges are withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

· Description of first aid measures

· After inhalation:

In case of unconsciousness place patient stably in side position for transportation. Get medical attention.

· After skin contact:

Remove immediately all contaminated clothing. Rinse skin with water or shower for at least 15 minutes. Consult a doctor if skin redness and irritation persist. May induce a skin irritation.

· After eye contact:

Rinse opened eye for several minutes under running water. Remove contact lenses, if present and easy to do so. Continue rinsing for a minimum of 15 to 60 minutes. Then consult a doctor.

· **After ingestion:** Drink copious amounts of water and provide fresh air. Immediately call a doctor. Do not induce vomiting.

· **Most important symptoms and effects, both acute and delayed:** No further relevant information available

SECTION 5. FIRE-FIGHTING MEASURES

· Suitable extinguishing media:

CO2, sand, extinguishing powder.

CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Use fire fighting measures that suit the environment.

· **For safety reasons unsuitable extinguishing agents:** Water

· **Specific hazards arising from the product:** During heating or in case of fire poisonous gases are produced.

· **Special protective equipment and precautions for fire-fighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

• **Personal precautions, protective equipment and emergency procedures:**

Mount respiratory protective device.

Wear recommended protective equipment(s). Keep unprotected persons away.

• **Methods and material for containment and cleaning up:**

Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent (eg. food vinegar (5% acetic acid), citric acid, sodium bicarbonate in excess)

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation

SECTION 7. HANDLING AND STORAGE

• **Precautions for safe handling:** Ensure good ventilation at the workplace.

• **Conditions for safe storage, including any incompatibilities:** Keep in the original receptacle tightly sealed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

• Components with limit values that require monitoring at the workplace:	
1310-73-2 Sodium Hydroxide	
ACGIH® TLV® – TWA	Ceiling: 2 ppm
EL	Ceiling: 2 mg/m ³
EV	Ceiling: 2 mg/m ³

• **Exposure controls:**

Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

• **Personal protective equipment:**



Safety goggles (see Eye protection)



Alkaline resistant gloves

• **General protective and hygienic measures:**

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale dust, smoke, mist gases, fumes or aerosols.

The usual precautionary measures for handling chemicals should be followed.

Do not carry product impregnated cleaning cloths in trouser pockets.

• **Breathing equipment:** Not required.

• **Protection of hands:**

Alkaline resistant gloves

The glove material has to be impermeable and resistant to the product.

Preventive skin protection by use of skin-protecting agents is recommended.

Protective Gloves

Check protective gloves prior to each use for their proper condition

• **Eye protection:**

Protective glasses are recommended when handling concentrated product.
Safety glasses are suggested when using this product in heavy use and institutional environments
Wear splash-proof chemical goggles in an industrial environment.

• **Body protection:**

Protective clothing is recommended only under exceptional circumstances such as fire or spill of concentrated product

Alkaline resistant protective clothing (recommended)

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

• **Appearance:**

Form: Liquid
Colour: Colourless to pale yellow liquid

• **Odour:** Odourless

• **Odor threshold:** Not determined

• **pH:** >12.0

• **Melting point/Freezing point:** Not determined

• **Boiling point/Boiling range:** Undetermined.

• **Flash point:** Not determined

• **Flammability (solid, gaseous):** Not applicable

• **Decomposition temperature:** Not determined

• **Auto igniting Temperature:** Product is not selfigniting.

• **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

• **Vapour pressure at 20 °C:** 23 hPa

• **Relative density:** 1,140 – 1,157 (25 °C)

• **Vapour density (air=1):** <1 (aqueous solution)

• **Evaporation Rate** not determined

• **Solubility in / Miscibility with** Miscible

Water

• **Partition coefficient** not determined

(n-octanol/water):

• **Viscosity:** not determined

SECTION 10. STABILITY AND REACTIVITY

• **Reactivity:**

Not determined.

No further relevant information available

• **Chemical stability:** The product is stable.

• **Possibility of hazardous reactions:** Reacts with acids.

• **Conditions to avoid:** Avoid freezing and extreme heat conditions.

• **Incompatible materials:** This product can react with strong oxidizing agents and strong acids.

• **Hazardous decomposition products:**

Hydrogen.

In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

. **Information on the likely routes of exposure** Skin and eyes contact

. **Numerical measures of acute toxicity**

Components	Type	Value (Species)
Mean of exposure		
1310-73-2 Sodium Hydroxide		
Oral	LD50	325 mg/kg (Rabbit)

. **Symptomes related to the physical, chemical and toxiological characteristics**

. **If on the skin:** CORROSIVE: Strong caustic effect on skin and mucous membranes.

. **If on the eye:**

CORROSIVE: Strong caustic effect.

Strong irritant with the danger of severe eye injury.

. **After ingestion:**

CORROSIVE: strong caustic effect on the gastrointestinal tract with danger of perforation of esophagus and stomach.

. **Sensitization:** No sensitizing effects known.

. **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**

Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

SECTION 12. ECOLOGICAL INFORMATION

. **Persistence and degradability:**

. **Bioaccumulative potential:** No further relevant information available

. **Mobility in soil:** Not determined

. **Ecotoxicity:** No relevant information available.

. **Other adverse effects** No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

. **Waste treatment methods recommendation:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with local authority requirements.

Dispose in accordance with all applicable federal, state, provincial and local laws and regulations. Contact your local, state, provincial or Federal environmental agency for specific rules.

. **Uncleaned packagings recommendation:**

Do not re-use empty containers.

Dispose of packaging according to regulations on the disposal of packagings.

. **Recommended cleansing agent:**

Water

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

SECTION 14. TRANSPORT INFORMATION

- **UN-Number**
- **DOT/TDG, IMDG, IATA UN1824**
- **UN proper shipping name**
- **DOT/TDG, IMDG, IATA SODIUM HYDROXIDE SOLUTION**
- **Transport hazard class(es)**

- **DOT/TDG (Transport dangerous goods):**



- **Class** 8 Corrosive substances
- **Class** 8 Corrosive substances
- **Packing group**
- **DOT/TDG, IMDG, IATA II**
- **Marine pollutant** No
- **Special marking (IATA)**
- **Limited quantities (LQ)** 1L

SECTION 15. REGULATORY INFORMATION

· Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Canadian substance listings**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

SECTION 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

· NFPA ratings (scale 0 - 4):



Health = 3
Fire = 0
Reactivity = 0

· Department issuing SDS:

Prepared by:

Regulatory Affairs Department

· Contact: For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.