

Section I. Product Identification and Uses

HMIS (HFRP)

Health Hazard 3

Fire Hazard 0

Reactivity 0

Personal Protection s

Common / Trade name	OVEN QUEEN	TDG	CLASS 8
WHMIS	D2B, E	PIN	UN1824 SODIUM HYDROXIDE, SOLUTION
Code	0912	PG	II
Material uses	Fryer and griddle cleaner.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Sodium hydroxide	1310-73-2	10 - 30	ACGIH TLV CEIL: 2 mg/m <sup>3</sup>	ORAL (LD50): Acute: 500 mg/kg [Rabbit].

Section III. First Aid Measures

**Eye contact** IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.

**Skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse. Get medical attention immediately.

**Inhalation** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Ingestion** DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention.

Section IV. Physical Data

<b>Physical state and appearance</b>	Clear liquid.	<b>Colour</b>	Colorless.
<b>pH (1% soln/water)</b>	11.0 - 12.0	<b>Odour</b>	Odourless
<b>pH (concentrate)</b>	13-14	<b>Volatility</b>	0% (v/v). (Sodium hydroxide.)
<b>Boiling point</b>	The lowest known value is 100°C (212°F) (Water).	<b>Vapour density</b>	The highest known value is 1 (Air = 1) (Water).
<b>Specific gravity</b>	1.14-1.16 (Water = 1)	<b>Vapour pressure</b>	The highest known value is 17.2 mm of Hg (@ 20°C) (Water).
<b>Solubility</b>	Easily in water.		

Section V. Fire and Explosion Data

<b>The product is</b>	Non-flammable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Flash points</b>	Not applicable.
<b>Degradation products</b>	Not applicable.
<b>Extinguishing media</b>	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

<b>Stability</b>	The product is stable.
<b>Decomp. products</b>	See fire degradation products.
<b>Reactivity</b>	Reactive with oxidizing materials, reducing materials, acids and moisture.

Section VII. Toxicological properties

**Route of entry** Eye contact. Ingestion. Inhalation. Skin contact.

**Toxicity for animals** Not available

**Acute effects** Dangerous in case of skin contact (corrosive), of ingestion, of eye contact (corrosive). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Ingestion causes burns to mouth, throat, and stomach.

**Chronic effects** CARCINOGENIC EFFECTS: None. TETRATOGENIC EFFECTS: None. MUTAGENIC EFFECTS: None. REPRODUCTIVE EFFECTS: None. The substance is not toxic for the reproductive system. Repeated or prolonged contact with spray mist may produce chronic eye, skin irritation and respiratory tract irritation.

**Section VIII. Preventive measure**

- Waste disposal** Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
- Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from incompatibles as acids.
- Precautions** Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.
- Spill and leak** Absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of sulfuric acid.
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**Section IX. Personal protective equipment**

- Gloves** Gloves.
- Respiratory** Wear appropriate respirator when ventilation is inadequate.
- Eyes** Splash goggles.
- Other** Full suit, apron, face shield, boots: are recommended under exceptional circumstances such as spill, or for prolonged contact with bulk quantities.
- Eng. controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
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**Section X. Preparation and other Information**

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**EMERGENCY: EMERGENCY: CANUTEC 613-996-6666**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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**Annex A. Legend**

- HMIS** Hazardous Materials Identification System
- WHMIS** WHMIS Workplace Hazardous Materials Information System
- TDG** Transport Dangerous Goods
- PIN** Product Identification Number
- PG** Packaging Group
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