

FULLER  
950 MICHELIN  
LAVAL QC H7L 5C1

## Section I. Product Identification and Uses

	<b>HFRP - HMIS</b>		
	<b>Health Hazard</b>		<b>3</b>
	<b>Fire Hazard</b>		<b>0</b>
	<b>Reactivity</b>		<b>0</b>
	<b>Personal Protection</b>		<b>2</b>
<b>Common / Trade name</b>	<b>GRILL MASTER GRILL CLEANER</b>	<b>TDG</b>	SODIUM HYDROXIDE, SOLUTION Class 8
<b>WHMIS Code</b>	WHMIS CLASS: D-2B E 1582	<b>PIN PG</b>	UN1824 II
<b>Material uses</b>	Industrial applications: Fryer and griddle cleaner.		

## Section II. Hazardous Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC50/LD50
Sodium hydroxide	1310-73-2	10-30	TWA: 2 (mg/m3)	ORAL (LD50) mg/kg: Acute: 340 (Rat).

## Section III. First Aid Measures

<b>Eye contact</b>	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
<b>Skin contact</b>	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

## Section IV. Physical Data

<b>Physical state and appearance</b>	Liquid. (Clear liquid.)	<b>Color</b>	Colorless.
<b>pH (1% soln/water)</b>	13-13.8	<b>Odor</b>	Odourless
<b>pH (concentrate)</b>	Not available.	<b>Volatility</b>	82% (v/v).
<b>Boiling point</b>	106°C (222.8°F)	<b>Vapor density</b>	The highest known value is 1 (Air = 1) (Water).
<b>Specific gravity</b>	1.15 (Water = 1)	<b>Vapor pressure</b>	The highest known value is 17.2 mm of Hg (@
<b>Solubility</b>	Easily soluble in cold water, hot water, methanol. Insoluble in diethyl ether, n-octanol.		

## 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>	Carbon oxides (CO, CO2)
<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, alkalies, moisture.

## Section VII. Toxicological Properties

<b>Routes of entry</b>	Eye contact. Ingestion. Inhalation. Skin contact.
<b>Toxicity for animals</b>	Acute oral toxicity (LD50): 1500 mg/kg (Rat) (Calculated value for the mixture).
<b>Acute effects</b>	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. Skin contact may produce burns.
<b>Chronic effects</b>	<b>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.</b>

## Section VIII. Preventive Measures

<b>Waste disposal</b>	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
<b>Storage</b>	Corrosive materials should be stored in a separate safety storage cabinet or room. Store in a dry, cool and well ventilated area.
<b>Precautions</b>	Keep locked up. Keep container dry. DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Avoid contact with eyes and skin. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep out of reach of children.
<b>Spill and leak</b>	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid.

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**Section IX. Personal protective equipment**

<b>Gloves</b>	Gloves.
<b>Respiratory</b>	Wear appropriate respirator when ventilation is inadequate.
<b>Eyes</b>	Splash goggles.
<b>Other</b>	Full suit, apron, face shield, boots: are recommended under exceptional circumstances such as fire, spill, or for prolonged contact with bulk quantities.
<b>Eng. controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

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**Section X. Preparation and other Information**

Validated by the Reglementary Affaires Department on 01/07/02

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