

1- IDENTIFICATION

Product name: **CHEF CHOICE**
Description: Griddle, fryer and oven cleaner (nooffensive odour)
Product family: Aqueous mixture
Restriction on use: Industrial use only
Concentrate to be dilute

Supplier/Manufacturer: MAUNCO CLEANING AND SUPPLIES WAREHOUSE
270 Adams street, Belleville, Ontario, K8N 5S4
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2- HAZARDS IDENTIFICATION**Product classification:**

Corrosive liquid for metals
Serious eye damage / eye irritation
May cause irritation of the skin.

Pictogram GHS:**Signal word:**

WARNING

Precaution

Protection gloves and glasses are suggested.
Wear gloves / protective clothing / eye protection / face protection.

Eye contact: Quickly rinse the eyes using a large amount of water for several minutes. See a doctor immediately.

Skin contact: Remove contaminated clothing. Rinse skin with water for several minutes. Seek medical attention if irritation persists.

Inhalation: In case of inhalation of dust or mists, bring the person to a ventilated place and place in a comfortable position for breathing.

Ingestion: If swallowed, rinse mouth. Drink a glass of water. Do not induce vomiting and consult a doctor immediately.

3- COMPOSITION/INFORMATION ON INGREDIENTS

MIX

Name	<u>CAS Number</u>	<u>% weight</u>
Sodium hydroxide	1310-73-2	10-30

4- FIRST AID MEASURES

Eye contact:	Quickly rinse the eyes using a large amount of water for several minutes. See a doctor immediately.
Skin contact:	Remove contaminated clothing. Rinse skin with water for several minutes. Seek medical attention if irritation persists.
Inhalation:	In case of inhalation of dust or mists, bring the person to a ventilated place and place in a comfortable position for breathing.
Ingestion:	If swallowed, rinse mouth. Drink a glass of water. Do not induce vomiting and consult a doctor immediately.

5- FIRE-FIGHTING MEASURES

Flamability of the product:	not flammable, non explosive
Extinguishing media:	Use any extinguishing media appropriate to surrounding. Do not use water jet not to spread the product and expand the danger zone.
Protection for fire-fighting:	Wear self-contained breathing apparatus with full face masks and special protective clothing. Cool with water containers exposed, even after the fire is out.

6- ACCIDENTAL RELEASE MEASURES

Personal protection:	Respiratory protection with full face mask. Rubber gloves with long sleeve. Rubber boots. Tight tracksuits
Environnemental precautions:	Prevent from entering sewers, waterways or low areas.
Methods for cleaning:	<u>Small spill:</u> Neutralize with dilute sulfuric acid. Discharge into sewer with plenty of water. <u>Large spill:</u> Contain spill with absorbent material. Dispose of waste in an airtight container. Refer to section 13 for waste disposal. Complete cleaning, neutralizing with dilute sulfuric acid and rinse with water.
Other information:	None

7- HANDLING AND STORAGE

- Handling:** Avoid operations that produce a cloud of dust. Never pour water into this product, for dilution slowly add the product to water with constant stirring. Handle away from incompatible materials. Avoid contact with skin. Wear eye protection and, in case of insufficient ventilation, appropriate respiratory protection. Workers handling or transferring corrosive substances should wear appropriate personal protective equipment. This product is corrosive: If handled or transferred regularly or frequently, eyewash stations or emergency showers must be provided to workers and located in the vicinity of the workplace. Avoid wearing contact lenses when handling the product.
- Incompatibility with:** Sodium hydroxide reacts violently with water generating a strong heat generation, which can cause spattering of sodium hydroxide solutions. It reacts violently or blows with many organic and inorganic compounds such as strong acids, nitroso aromatic compounds, paraffinic nitroso compounds, organohalogen compounds, glycols peroxide and organic peroxides. It polymerizes violently acetaldehyde, acrolein and acrylonitrile. It reacts with sodium tetraborate or reactive metals (zinc, aluminum or tin) for emitting a flammable hydrogen gas and / or explosive. It can form spontaneously flammable compounds in contact with 1,2-ethylene, trichlorethylene or tetrachloroethane. It can form carbon monoxide in contact with sugar solutions such fructose, lactose or maltose.
- Storage:** Store in a place with corrosion resistant floor. Store in the original container in a dry, well-ventilated place away from sunlight. Keep away from incompatible materials.
Keep container closed in a cool, dry place between 5 ° C and 30 ° C.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Name</u>	<u>TLV (ACGIH)</u>
Sodium hydroxide	2mg/m ³

- Engineering measures:** EEyewash and showers in the vicinity of the workplace.
Good general ventilation.

Personal protection

- Respiratory:** Avoid inhalation of mists. Wear respirator if ventilation is inadequate.
- Eye:** Safety shield or Safety glasses
- Hands:** Rubber or neoprene gloves.
- Chlothing:** Use rubber apron or other protection depending on the nature of the job.
- General:** Do not wear contact lenses when handling the product. Wash hands after handling the product.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless liquid	
Odour:	Odorless	
Odor threshold:	not available	
pH:	12.8	
Freezing point / melting point:	0°C	
Boiling point:	107°C	
Flash point:	not available	(Closed cup)
Evaporating rate:	Non disponible	(ether=1)
Flammability:	Not flammable	
Flammable limits	lower %v in air	upper %v in air
Vapor pressure:	Not available	(mm Hg)
Vapor density:	Not available	(air=1)
Specific gravity:	1.235	(water=1)
Solubility in water:	Miscible	
N-octanol / water partition coefficient:	not available	
Auto ignition temperature:	not available	
Decomposition temperature:	not available	
Viscosity:	not available	

10- STABILITY AND REACTIVITY

Chemical stability:	The product is stable under recommended storage conditions.
Hazardous reactions:	Refer to Section 7 incompatible materials
Decomposition products:	None under normal conditions of storage and handling
Incompatibility with:	Refer to Section 7 incompatible materials
Corrosion to metals:	Corrosive

11- TOXICOLOGICAL INFORMATION

Datas: There are no data for the product, only for the ingredients

Name	<u>DL₅₀ (rat, oral)</u>	<u>CL₅₀ (rat, 4h)</u>
Sodium hydroxide	not av	not av

Chronic health effects

Carcinogenic effects:	No data
Teratogenic effects:	No data
Reproductive effects:	No data
Synergistic product:	No data

12- ECOLOGICAL INFORMATION

Ecotoxicity: (fish, aquatic invertebrates, aquatic plants, microorganisms): no data

Biodegradability: No data

Other adverse effects: No data

13- DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations. Empty rinse packaging can be recycled

14- TRANSPORT INFORMATION

TGD classification: UN1760, CORROSIVE LIQUID, N.S.A.,(Sodium hydroxide), Class 8, PG III

Additional information: Limited quantity 5L

**15- REGULATORY INFORMATION**

WHMIS 1988 (Canada): E Corrosive substances (metal corrosion / irritation, eye injury)

**16-OTHER INFORMATION**

Date of issue: 2017-09-25

References:

1. Manufacturer Datasheet
2. CNESST, Toxicological Directory, Products
3. Hazardous Products Regulations (SOR/2015-17)

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