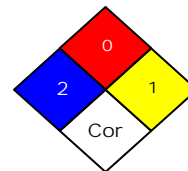


SAFETY DATA SHEET



Section 1- Product And Company Information

Distributor's Name: Interchem Limited
Distributor's Address: 9th Avenue South, Barataria, Trinidad.
Product Name: OVEN & GRILL CLEANER
Product Number: CT - 250

DOT Proper Shipping/ Hazard Name (49 CFR 172.101): Sodium Hydroxide solution
DOT ID # (49 CFR 172.101): UN 1824
DOT Hazard Class (49 CFR 172.101): Class 8, PGIII

FLAMMABILITY (Red): NFPA: 0 HMIS: 0
HEALTH (Blue): NFPA: 2 HMIS: 2
REACTIVITY (Yellow): NFPA: 1 HMIS: 1
Personal Protection (HMIS)= B

Section 2 - Health Hazard Identification

This product is considered hazardous according to OSHA's Hazard Communication and international GHS standards and this certification was prepared using Regulations 1907/2006 and 1272/2008.

Classification of the substance or mixture.



Skin Corr. 1A



Acute toxicity, oral. 3



Acute Hazard. 2

Label elements

GHS label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



Signal word: Danger!

Hazard-determining components of labeling:

Sodium Hydroxide solution

Hazard statements

H301 Toxic if Swallowed
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation
H401 Toxic to aquatic life.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P264 Wash...thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P273 Avoid release to the environment.
P301+P330+ P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 Wash contaminated clothing before reuse.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor/physician.
P305+ P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

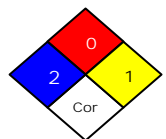
Classification system:

HMIS Ratings (scale 0—4)

HEALTH	2
FIRE	0
REACTIVITY	1

Health: 2
Fire: 0
Reactivity: 1

NFPA Ratings (scale 0—4)



Health hazard: 2
Fire: 0
Reactivity Hazard: 1
Special hazard.: Corrosive

Section 3 – Components

<u>Component</u>	<u>CAS#</u>	<u>%</u>	<u>ACGIH(TLV-TWA)</u>	<u>OSHA (TWA)</u>
Sodium Hydroxide	1310-73-2	—	2 mg/m ³	2mg/m ³

Section 4 - First Aid Measures

If On Skin: Thoroughly wash exposed area with soap and water remove contaminated clothing. Launder before reuse. If necessary, neutralize with vinegar solution or lemon and, if irritation persists, see a doctor.

If In Eyes: Flush with large amounts of water, lifting upper and lower lids occasionally. Neutralize with lemon juice or vinegar. Seek medical attention immediately.

If Breathed: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. Keep person warm and quiet. Get medical attention.

If Swallowed: Do not induce vomiting. Drink lemon juice. Keep person warm, quiet and seek immediate medical attention.

Section 5 – Fire Fighting Measures

Flash Point: None

Flammable Limits in Air: Upper: NAP Lower: NAP

Extinguishing Media: Regular foam, carbon dioxide, dry chemical, for surrounding fire.

Hazardous Decomposition Products: May form corrosive fumes and Carbon Oxides.

Firefighting Procedures: Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

Special Fire and Explosion Hazards: Contact with reactive metals may liberate hydrogen gas.

Section 6 - Accidental Release Measures

Personal Precautions:

For personal protection see section 8. Persons not wearing protective equipment should be excluded from the area of the spill until cleanup has been completed.

Environmental Precautions:

Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs notify authorities as required.

Methods for Cleaning Up Spills:

Small Spill: Use absorbent materials and dispose as directed by local regulatory norms. Can be neutralized with weak acids.

Large Spill: Stop spill at source. Isolate and dike with soaking materials. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product and dispose according to local laws.

Section 7 – Storage & Handling

KEEP OUT OF REACH OF CHILDREN

For industrial and institutional use only. Store in a cool, dry, well - ventilated area. Do not store at temperatures in excess of 120°F for prolonged periods.

Always store in original container. Keep container tightly closed. Follow all label instructions and precautions.

Section 8 - Exposure Control / Personal Protection

Respiratory Protection: If workplace exposure limits product or any component is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure types) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLV.

Protective Gloves: Rubber, neoprene or other resistant elastomer.

Eye Protection: Chemical splash resistant goggles

Other Protective Clothing & Equipment: Rubber aprons and boots when working with large quantities.



Section 9-Physical And Chemical Properties

Appearance: Clear liquid

Color: Colorless.

Odor: Odorless.

Physical State: Liquid

pH : 14

Melting Point: ND

Boiling Point: 250 °F

Flash Point: NAP

Evaporation Rate: ND

Flammable Limits: NAP

Vapor Pressure: ND

Specific Gravity (H₂O =1): 1.30 gr/cc

Refractive Index: ND

Vapor Density: (Air=1): ND

Auto ignition Temperature: ND

Solubility in Water: Complete

Partition coefficient (n-octanol/water): ND

% Volatile: 18-20 %

Section 10 – Stability And Reactivity Information

Stability: Stable

Incompatibility (Materials to Avoid): Metals, oxidizing/reducing agents, moisture, acids.

Hazardous Polymerization: Will not occur

Conditions To Avoid: Moisture

Section 11 - Toxicological Information

Oral Toxicity: (LDL) 500 mg/kg [Rabbit]

Inhalation Toxicity: No data

Dermal Toxicity: No data

Irritancy of Product: This product is irritating to the skin, eyes, respiratory, and digestive tract.

Section 12 - Ecological Information

Toxicity: No data.

Persistence and Degradability: Possible hazardous short term degradation products are not likely. However, long term degradation products may arise.

Bio-accumulative Potential: The products of degradation are less toxic than the product itself.

Other Adverse Effects: No data.

Section 13 - Disposal Considerations

Waste Disposal Method:

Disposal should be made in accordance with federal, state, and local regulations.

Section 14 - Transport Information

The listed transportation classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptions.



Road—DOT (ground)

Proper Shipping Name: Sodium Hydroxide solution

Hazard class: 8

UN Number: UN1824

Packaging Group: III

Label/Placard: 8 Corrosive Liquid

Sea—IMDG (sea)

Proper Shipping Name: Sodium Hydroxide solution

Hazard class: 8

UN Number: UN1824

Packaging Group: III

Label/Placard: 8 Corrosive Liquid

Air—IATA (air)

Proper Shipping Name: Sodium Hydroxide solution

Hazard class: 8

UN Number: UN1824

Packaging Group: III

Label/Placard: 8 Corrosive Liquid

Section 15 - Regulatory Information

Federal and State Regulations: Illinois toxic substances disclosure to employee act: Sodium hydroxide Illinois chemical safety act: Sodium hydroxide New York release reporting list: Sodium hydroxide Rhode Island RTK hazardous substances: Sodium hydroxide Pennsylvania RTK: Sodium hydroxide Minnesota: Sodium hydroxide Massachusetts RTK: Sodium hydroxide New Jersey: Sodium hydroxide Louisiana spill reporting: Sodium hydroxide California Director's List of Hazardous Substances: Sodium hydroxide TSCA 8(b) inventory: Sodium hydroxide

CERCLA: Hazardous substances.: Sodium hydroxide: 1000 lbs. (453.6 kg)

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances

FLAMMABILITY (Red): NFPA: 0 HMIS: 0

HEALTH (Blue): NFPA: 2 HMIS: 2

REACTIVITY (Yellow): NFPA: 0 HMIS: 0

Personal Protection (HMIS)= B

Section 16 - Special Precautions Or Other Comments

Corrosive Liquid! Wash hands with soap and water after use. Avoid contact with open wounds. Although information contained herein is believed to be correct as of the date of this document, Interchem makes no representation as to the completeness or accuracy of such information. Interchem shall in no event be responsible for any damages directly or indirectly from use of or reliance on this information. This information is provided solely to assist the customer with the Occupational Safety and Health Act of 1970 and The Right to Know regulations. Any other use is prohibited.

Legend:

NE: Not Evaluated

ND: Not Determined

NA: Not Available

NAP: Not Applicable

NR: Not Regulated