

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** H. D. GRILL CLEANER **Date of Revision:** March 09, 2023  
**Product Code:** J463  
**Other Name(s):** CHEF MAGIC GRILL CLEANER  
**Distributed By:** A & G SUPPLY LTD.  
**Recommended Use and Restrictions on Use:** cleaner  
**Manufactured By:** Ostrem Chemical Co. Ltd. Phone/Emergency Phone:  
2310 - 80th Avenue NW 780-440-1911  
Edmonton, Alberta, Canada T6P 1N2 Mon. - Fri. 8:00am - 4:30pm MT  
www.ostrem.com

## 2. HAZARDS IDENTIFICATION

**Classification of the Mixture:** Corrosive to Metals - Category 1  
Serious Eye Damage/Irritation - Category 1  
Skin Corrosion/Irritation - Category 1

**Label Elements:**

**Hazard Pictogram(s):**



**Signal Word:** DANGER

**Hazard Statement(s):** May be corrosive to metals.  
Causes serious eye damage.  
Causes severe skin burns and eye damage.

**Precautionary Statement(s):**

**Prevention:** Do not breathe dusts or mists.  
Wash hands thoroughly after handling.  
Wear protective gloves, protective clothing, and eye/face protection.  
Keep only in original packaging.

**Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison centre or physician.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.  
Absorb spillage to prevent material-damage.

**Storage:** Store locked up.  
Store in a corrosion resistant container with a resistant inner liner.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Physical/health hazards not otherwise classified:**

not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical Name</u>   | <u>Conc. w/w</u> | <u>CAS #</u> | <u>Common Names</u> |
|------------------------|------------------|--------------|---------------------|
| sodium hydroxide (50%) | 30 - 60%         | 1310-73-2    | caustic soda, lye   |
| decyl glucoside (50%)  | 3 - 7%           | 68515-73-1   |                     |

## 4. FIRST-AID MEASURES

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## Necessary Measures:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison centre or physician.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a poison centre or physician.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison centre or physician.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison centre or physician.  
Absorb spillage to prevent material-damage.

## Most important symptoms, both acute and delayed:

Causes serious eye damage.  
Causes severe skin burns and eye damage.

## Indication of immediate medical attention and special treatment needed, if necessary:

not applicable

## 5. FIRE-FIGHTING MEASURES

### Suitable (and unsuitable) extinguishing media:

Use extinguishing media appropriate for surrounding fire.

### Specific hazards arising from the chemical (e.g.: hazardous combustion products):

May liberate carbon monoxide, carbon dioxide and oxides of sodium.

### Special protective equipment and precautions for firefighters:

As for surrounding fire. Firefighters should wear full protective clothing and self contained breathing equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective equipment. See section 8.

### Environmental precautions:

Prevent from entering sewers, waterways or low areas.

### Methods and materials for containment and cleaning up:

Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Do not breathe dusts or mists.  
Wash hands thoroughly after handling.  
Keep only in original packaging.  
Do not ingest. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities:

Store locked up.  
Store in a corrosion resistant container with a resistant inner liner.  
Keep out of reach of children. Store in a cool, dry area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters - Exposure limits:

#### Ingredient:

sodium hydroxide (50%)  
decyl glucoside (50%)

#### Limit:

ACGIH TLV: 2 mg/m3  
not available

### Appropriate engineering controls:

Provide exhaust ventilation to keep airborne levels below recommended exposure limits.

### Respiratory protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.

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## Other protection:

Wear protective gloves, protective clothing, and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                               |                    |
|-----------------------------------------------|--------------------|
| Appearance (physical state, colour etc.):     | clear, pale liquid |
| Odour:                                        | no odour           |
| Odour threshold:                              | not available      |
| pH:                                           | 14                 |
| Melting/Freezing point:                       | not available      |
| Initial boiling point and range:              | not available      |
| Flash point:                                  | not applicable     |
| Evaporation rate:                             | not available      |
| Flammability (solid, gas):                    | not available      |
| Upper/lower flammability or explosive limits: | not available      |
| Vapour pressure:                              | not available      |
| Vapour density:                               | not available      |
| Relative density (specific gravity):          | 1.208              |
| Solubility(ies):                              | complete           |
| Partition co-efficient: n-octanol/water:      | not available      |
| Auto-ignition temperature:                    | not available      |
| Decomposition temperature:                    | not available      |
| Viscosity:                                    | not available      |

## 10. STABILITY AND REACTIVITY

### Reactivity:

This material is considered to be non-reactive under normal use conditions.

### Chemical stability:

Stable.

### Possibility of hazardous reactions:

Reacts with acids and metals

### Conditions to avoid (e.g.: static discharge, shock or vibration):

not applicable

### Incompatible materials:

Oxidizers / Acid

### Hazardous decomposition products:

not available

## 11. TOXICOLOGICAL INFORMATION

### POTENTIAL ACUTE HEALTH EFFECTS

|                  |                                          |
|------------------|------------------------------------------|
| Inhalation:      | May cause respiratory tract irritation.  |
| Ingestion:       | May be harmful if swallowed.             |
| Eye contact:     | Causes serious eye damage.               |
| Skin contact:    | Causes severe skin burns and eye damage. |
| Skin absorption: | not available                            |

### POTENTIAL CHRONIC HEALTH EFFECTS

|                  |               |
|------------------|---------------|
| Inhalation:      | not available |
| Ingestion:       | not available |
| Eye contact:     | not available |
| Skin contact:    | not available |
| Skin absorption: | not available |

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Mutagenicity:          | not available                                               |
| Carcinogenicity:       | This information, if applicable, can be found in Section 2. |
| Reproductive toxicity: | This information, if applicable, can be found in Section 2. |

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|                                                            |                                                             |
|------------------------------------------------------------|-------------------------------------------------------------|
| <b>Sensitization of product:</b>                           | This information, if applicable, can be found in Section 2. |
| <b>Specific Target Organ Toxicity - single exposure:</b>   | This information, if applicable, can be found in Section 2. |
| <b>Specific Target Organ Toxicity - repeated exposure:</b> | This information, if applicable, can be found in Section 2. |
| <b>Toxicological Data:</b>                                 |                                                             |
| <u>Ingredient:</u>                                         | <u>Data:</u>                                                |
| sodium hydroxide (50%)                                     | not available                                               |
| decyl glucoside (50%)                                      | not available                                               |
| <b>Other Toxicological Information on Ingredients:</b>     |                                                             |

## 12. ECOLOGICAL INFORMATION

|                                                                |               |
|----------------------------------------------------------------|---------------|
| <b>Ecotoxicity (aquatic and terrestrial, where available):</b> | not available |
| <b>Persistence and degradability:</b>                          | not available |
| <b>Bioaccumulative potential:</b>                              | not available |
| <b>Mobility in soil:</b>                                       | not available |
| <b>Other adverse effects:</b>                                  | not available |
| <b>Ecological Information on Ingredients:</b>                  | not available |

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Disposal of all waste must be done according to local, provincial and federal regulations.

## 14. TRANSPORT INFORMATION

**TDG classification:** UN 1824; SODIUM HYDROXIDE SOLUTION; CLASS 8; PG II

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

## 16. PREPARATION INFORMATION

**Prepared by:** Technical Services Department, Ostrem Chemical Co. Ltd., Ph.: 780-440-1911

**Date of Preparation:** March 09, 2023

**Date of Revision:** March 09, 2023

This Safety Data Sheet may not be changed or altered in any way without the express knowledge and permission of Ostrem Chemical Co. Ltd.

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