

# Safety Data Sheet

## 1. IDENTIFICATION

**Product Identifier:** SEWER DISSOLVER  
**Product Code:** I315  
**Other Name(s):**

**Date of Revision:** January 30, 2017

**Recommended Use and Restrictions on Use:** drain cleaner

**Distributed By:** Halabi Chemicals Ltd.  
127 Ozerna Rd NW  
Edmonton, Alberta, Canada T5Z 2Z4  
www.halabichemicals.ca

Phone: 780-473-2608  
In Case of Emergency Only, Phone  
CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

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

**Label Elements:**

Hazard Pictogram(s):



**Signal Word:** DANGER

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

**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.</u>	<u>CAS #</u>	<u>Common Names</u>
sodium hydroxide	45.0%	1310-73-2	caustic soda
sodium nitrate	15.0%	7631-99-4	

## 4. FIRST-AID MEASURES

**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):**

Carbon oxides, hydrogen, possibly oxides of nitrogen.

**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:**

<u>Ingredient:</u>	<u>Limit:</u>
sodium hydroxide	ACGIH: 2 mg/m3
sodium nitrate	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.

**Other protection:**

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance (physical state, colour etc.):</b>	white granular powder with aluminum shavings
<b>Odour:</b>	no odour
<b>Odour threshold:</b>	not available
<b>pH:</b>	strong base
<b>Melting/Freezing point:</b>	not available
<b>Initial boiling point and range:</b>	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):	1.000
Solubility(ies):	10%
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:

not available

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

not applicable

### Incompatible materials:

Oxidizers / Acid / Other

### Hazardous decomposition products:

not available

## 11. TOXICOLOGICAL INFORMATION

### POTENTIAL ACUTE HEALTH EFFECTS

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

### POTENTIAL CHRONIC HEALTH EFFECTS

<b>Inhalation:</b>	not available
<b>Ingestion:</b>	not available
<b>Eye contact:</b>	not available
<b>Skin contact:</b>	not available
<b>Skin absorption:</b>	not available

<b>Mutagenicity:</b>	not available
<b>Carcinogenicity:</b>	This information, if applicable, can be found in Section 2.
<b>Reproductive toxicity:</b>	This information, if applicable, can be found in Section 2.
<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.

### Toxicological Data:

<u>Ingredient:</u>	<u>Data:</u>
sodium hydroxide	not available
sodium nitrate	Oral LD50: 1267 mg/kg (rat)

### Other Toxicological Information on Ingredients:

not applicable

## 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 1823; SODIUM HYDROXIDE, SOLID; 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, Halabi Chemicals Ltd., Ph.: 780-473-2608

**Date of Preparation:** January 30, 2017

**Date of Revision:** January 30, 2017

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