

# Material Safety Data Sheet

Issuing Date No data available

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Revision Number 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Smart Sense Gel Drain Pipe Opener

**UN-No.** UN1791

**Recommended Use** Drain openers.

### Supplier Address

CR Brands  
8790 Beckett Rd.  
West Chester  
Ohio  
45069  
US  
Phone:(513) 860-5039  
Fax:(513) 682-5420  
Contact: Elli Frasier  
Email:efrasier@crbrandsinc.com  
Contact Phone(513) 860-5039 ext. 1122  
Poison Control: 1-800-222-1222

## 2. HAZARDS IDENTIFICATION

### WARNING

### Emergency Overview

Irritating to skin  
Irritating to eyes  
Vapors may be irritating to eyes, nose, throat, and lungs

**Appearance** Light yellow

**Physical State** Viscous liquid, Liquid.

**Odor** Slight chlorine

### Potential Health Effects

**Principle Routes of Exposure** Eye contact. Skin contact. Inhalation.

### Acute Toxicity

#### Eyes

Avoid contact with eyes Risk of serious damage to eyes.

#### Skin

Avoid contact with skin Irritating to skin. May cause inflammation.

#### Inhalation

May cause irritation of respiratory tract.

#### Ingestion

Ingestion may cause irritation to mucous membranes.

### Chronic Effects

Avoid repeated exposure

### Aggravated Medical Conditions

None known

### Environmental Hazard

See Section 12 for additional Ecological Information.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Sodium hypochlorite	7681-52-9	3-7
Sodium hydroxide	1310-73-2	0.1 - 1

#### 4. FIRST AID MEASURES

<b>General Advice</b>	Call 911 or emergency medical service. Remove and isolate contaminated clothing and shoes.
<b>Eye Contact</b>	In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
<b>Skin Contact</b>	For minor skin contact, avoid spreading material on unaffected skin.
<b>Inhalation</b>	Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Rinse mouth. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
<b>Notes to Physician</b>	Keep victim warm and quiet. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

#### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated.
<b>Flash Point</b>	5001 C / 9034 F
<b>Suitable Extinguishing Media</b>	Dry chemical, CO <sub>2</sub> or water spray. Dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray. Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material.
<b>Uniform Fire Code</b>	• Irritant: Liquid  <i>This product contains a Class 1 Oxidizer as defined by the Uniform Fire Code</i>
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b><u>Explosion Data</u></b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Specific Hazards Arising from the Chemical</b>	Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
<b>Protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear self contained breathing apparatus for fire fighting if necessary.
<b><u>NFPA</u></b>	<b>Health Hazards</b> 2 <b>Flammability</b> 0 <b>Stability</b> 0 <b>Physical and Chemical Hazards</b> -

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stop leak if you can do it without risk.
<b>Environmental Precautions</b>	Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for Containment</b>	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
<b>Methods for cleaning up</b>	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water.
<b>Other Information</b>	DO NOT GET WATER INSIDE CONTAINERS.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Use personal protection equipment. Avoid contact with skin, eyes or clothing.
<b>Storage</b>	Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles)
<b>Skin and Body Protection</b>	Protective gloves
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required
<b>Hygiene Measures</b>	When using do not eat, drink or smoke. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light yellow.	<b>Odor</b>	Slight chlorine.
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Viscous liquid Liquid
<b>pH</b>	12	<b>Autoignition Temperature</b>	No information available
<b>Flash Point</b>	9034 F / 5001 C	<b>Boiling point / boiling range</b>	No information available
<b>Decomposition Temperature</b>	No information available		

<b>Melting Point/Range</b>	No information available	<b>Flammability Limits in Air</b>	No information available
<b>Explosion Limits</b>	No information available		
<b>Water Solubility</b>	Soluble in water	<b>Solubility</b>	No information available.
<b>Evaporation Rate</b>	No information available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatible Products</b>	None known.
<b>Conditions to Avoid</b>	None known.
<b>Hazardous Decomposition Products</b>	Carbon oxides.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Eye Contact</b>	Irritating to eyes.
<b>Skin Contact</b>	Irritating to skin

### Chronic Toxicity

<b>Chronic Toxicity</b>	Avoid repeated exposure.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite	-	Group 3	-	-

#### **IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

<b>Target Organ Effects</b>	Eyes. Skin.
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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated. Very toxic to aquatic organisms.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Sodium hypochlorite	EC50: 0.095 mg/L (24 h ) Skeletonema costatum	LC50: 0.18 - 0.22 mg/L (96 h static) Oncorhynchus mykiss LC50: 0.28 - 1 mg/L (96 h flow-through) Lepomis macrochirus LC50: 4.5 - 7.6 mg/L (96 h static) Pimephales promelas LC50: 0.06 - 0.11 mg/L (96 h flow-through) Pimephales promelas LC50: 0.05 - 0.771 mg/L (96 h flow-through) Oncorhynchus mykiss LC50: 0.4 - 0.8 mg/L (96 h static) Lepomis macrochirus LC50: 0.03 - 0.19 mg/L (96 h semi-static) Oncorhynchus mykiss		EC50: 0.033 - 0.044 mg/L (48 h Static) Daphnia magna EC50: 2.1 mg/L (96 h ) Daphnia magna
Sodium hydroxide		LC50: 45.4 mg/L (96 h static) Oncorhynchus mykiss		

**13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements. Dispose of contents/containers in accordance with local regulations.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations

**California Hazardous Waste Codes** 131

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Sodium hypochlorite	Toxic Ignitable Reactive		Toxic Ignitable Reactive	
Sodium hydroxide			Toxic Corrosive	

**14. TRANSPORT INFORMATION**

**Emergency Response Guide Number** 157

**DOT Description** CONSUMER COMMODITY, ORM-D

**TDG Description** UN1791, HYPOCHLORITE SOLUTION, 8, III, MARINE POLLUTANT

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**MEX**

Description UN1791, HYPOCHLORITE SOLUTION, 8, III

**ICAO**

Description UN1791, HYPOCHLORITE SOLUTION, 8, III

**IATA**

Description UN1791, HYPOCHLORITE SOLUTION, 8, III

**IMDG/IMO**

Description UN1791, HYPOCHLORITE SOLUTION, 8, III, MARINE POLLUTANT

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies  
DSL Not determined

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite	100 lb			X
Sodium hydroxide	1000 lb			X

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Sodium hypochlorite	100 lb	
Sodium hydroxide	1000 lb	

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals

#### U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Sodium hypochlorite	X	X	X		X
Sodium hydroxide	X	X	X		X

### International Regulations

#### Mexico - Grade

Moderate risk, Grade 2

Chemical Name	Carcinogen Status	Exposure Limits
Sodium hydroxide		Mexico: Ceiling 2 mg/m <sup>3</sup>

#### Canada

This product has been classified in accordance with the Hazardous Products Regulations (HPR) and the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

#### WHMIS Hazard Class

D2B - Toxic materials

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**16. OTHER INFORMATION**

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date** 30-May-2014

**Revision Note** No information available.

**General Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**