

Material Safety Data Sheet

Issuing Date No data available

Revision Date 30-May-2014

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

General Advice	Call 911 or emergency medical service. Remove and isolate contaminated clothing and shoes.
Eye Contact	In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
Skin Contact	For minor skin contact, avoid spreading material on unaffected skin.
Inhalation	Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
Ingestion	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.
Notes to Physician	Keep victim warm and quiet. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
Self-protection of the first aider	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

Flammable Properties	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.
Flash Point	5001 C / 9034 F
Suitable Extinguishing Media	Dry chemical, CO2 or water spray. Dry chemical, CO2, 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.
Uniform Fire Code	• Irritant: Liquid <i>This product contains a Class 1 Oxidizer as defined by the Uniform Fire Code</i>
Hazardous Combustion Products	Carbon oxides.
<u>Explosion Data</u>	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Specific Hazards Arising from the Chemical	Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
Protective equipment and precautions for firefighters	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.
<u>NFPA</u>	Health Hazards 2 Flammability 0 Stability 0 Physical and Chemical Hazards -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	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.
Environmental Precautions	Prevent entry into waterways, sewers, basements or confined areas.
Methods for Containment	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Methods for cleaning up	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water.
Other Information	DO NOT GET WATER INSIDE CONTAINERS.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Use personal protection equipment. Avoid contact with skin, eyes or clothing.
Storage	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 ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

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

Other Exposure Guidelines	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
Engineering Measures	Showers Eyewash stations Ventilation systems
Personal Protective Equipment	
Eye/Face Protection	Wear safety glasses with side shields (or goggles)
Skin and Body Protection	Protective gloves
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required
Hygiene Measures	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

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

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

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

Chronic Toxicity

Chronic Toxicity	Avoid repeated exposure.
Carcinogenicity	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

Target Organ Effects	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

MEX

Description	UN1791, HYPOCHLORITE SOLUTION, 8, III
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ICAO

Description	UN1791, HYPOCHLORITE SOLUTION, 8, III
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IATA

Description	UN1791, HYPOCHLORITE SOLUTION, 8, III
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IMDG/IMO

Description	UN1791, HYPOCHLORITE SOLUTION, 8, III, MARINE POLLUTANT
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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 ³

Canada

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

WHMIS Hazard Class

D2B - Toxic materials

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