

SAFETY DATA SHEET



SECTION 1 – IDENTIFICATION

Product Identifier: Stone Restore CB²
Product Use: Stone cleaner
Manufactured for: Presto Restoration Products
401 East Jackson Street
Suite 2340
Tampa, Florida 33602

Emergency Telephone #:
INFOTRAC 1-352-323-3500 (Int'l)
1-800-535-5053 (North America)
Company Phone Number:
1-877-329-0472
770-454-8725

UN/ID No: UN1791
Date Prepared: February 28, 2014
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info@PrestoRestorationProducts.com
www.PrestoRestorationProducts.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Appearance Yellowish/ Green liquid

Physical State Liquid

Odor Bleach-like odor

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

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 center or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Very toxic to aquatic life with long lasting effects

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium hypochlorite	7681-52-9	<15

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Eye Contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.

Skin Contact: Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. Seek medical attention if irritation develops.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Call a physician immediately.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if necessary. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor breathing.

Most Important Symptoms and Effects

Symptoms: Corrosive to eyes. Irritation and corrosive burns to mouth, throat, and stomach. May cause redness, pain, and severe skin burns. May cause irritation to the mucous membranes and upper respiratory tract.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Dry chemical. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

Combustion products may be toxic. This material is an oxidizer.

Hazardous Combustion Products

Chlorine gas.

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.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions. Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protective equipment as required.

Environmental Precautions: Prevent product from entering drains or open waters.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Take up with sand, earth or other non-combustible absorbent material. Place in appropriate containers for disposal. Dispose of in accordance with federal, state and local regulations.

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SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Do not mix with other chemicals. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage. Including Any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Store away from heat, sparks, flame. Protect from sunlight. Protect container from physical damage.

Incompatible Materials: Acids. Acid detergents. Ammonium compounds. Amines. Urea. Easily oxidizable compounds. Metals.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: No exposure limits noted for ingredient(s)

Appropriate Engineering Controls

Engineering Controls: Eyewash stations. Showers.

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection: Wear eye/face protection.

Skin and Body Protection: Chemical resistant protective gloves. Rubber boots. Aprons.

Respiratory Protection: In case of inadequate ventilation wear respiratory protection.

General Hygiene

Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Appearance	Color	Odor	Odor Threshold
Liquid	Yellowish / Green liquid	Yellowish/green	Bleach-like odor	Not determined

Property	Values	Remarks • Method
pH	11.3	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	> 100 °C / >212 °F	
Flash Point	Not flammable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.12	(1=Water)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	0	

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SECTION 10 – STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions. Stability decreases with heat and light exposure.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Heat. Light.

Incompatible Materials

Acids. Acid detergents. Ammonium compounds. Amines. Urea. Easily oxidizable compounds. Metals.

Hazardous Decomposition Products

Chlorine gas.

SECTION 11 – TOXOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

<u>Eye Contact:</u>	Causes severe eye damage.
<u>Skin Contact:</u>	Causes severe skin burns.
<u>Inhalation:</u>	Avoid breathing vapors or mists.
<u>Ingestion:</u>	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hypochlorite 7681-52-9	= 8200 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms: Please see section 4 of this SOS for symptoms.

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long-Term Exposure

Carcinogenicity: Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9		Group 3		

Legend

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical Measures of Toxicity

Not determined

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

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Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium hypochlorite 7681-52-9	0.095: 24 h Skeletonema costatum mg/L EC50	0.06 - 0.11: 96 h Pimephales promelas mg/L LC50 flow-through 4.5 - 7.6: 96 h Pimephales promelas mg/L LC50 static 0.4 - 0.8: 96 h Lepomis macrochirus mg/L LC50 static 0.28 - 1: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.05 - 0.771: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.03 - 0.19: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.18 - 0.22: 96 h Oncorhynchus mykiss mg/L LC50 static		2.1: 96 h Daphnia magna mg/L EC50 0.033 - 0.044: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

Other Adverse Effects

Not determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging:

Disposal should be in accordance with applicable regional , national and local laws and regulations.

SECTION 14 – TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No: UN1791
Proper Shipping Name: Hypochlorite solutions
Hazard Class: 8
Packing Group: II

IATA

UN/ID No: UN1791
Proper Shipping Name: Hypochlorite solutions
Hazard Class: 8
Packing Group: II

IMDG

UN/ID No: UN1791
Proper Shipping Name: Hypochlorite solutions
Hazard Class: 8
Packing Group: II
Marine Pollutant: This material may meet the definition of a marine pollutant

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SECTION 15 – REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hypochlorite 7681-52-9	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

SARA 311/312 Hazard Categories

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

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

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite 7681-52-9 (<15)	100 lb			X

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hypochlorite 7681-52-9	X	X	X

SECTION 16 – OTHER INFORMATION

NFPA	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
HMIS	Health Hazards 3	Flammability 0	Physical Hazards 1	Personal Protection D

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Revision Note: New format. Updated company address & phone number.

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.