



Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Form: Solution

Product Name: 3-6.00% Sodium Hypochlorite

Synonyms: Household Bleach, Liquid Bleach, Bleach

Use of the substance/mixture:

Deodorizer, laundry bleach, hard surface cleaner, stain remover.

Name, Address, and Telephone of the Responsible Party:

Purox Brands Corp.

8785 NW 100 Street

Miami, FL 33178

T: 1-800-488-5467

www.purox.us

Emergency Telephone Number

CHEMTREC

US: 1-800-424-9300 Canada: 1-800-567-7455

Poison Control: 1-800-222-1222

Call doctor/Hospital emergency room or the local Poison Control Center. Have the Product container or label with you when calling a Poison Control Center or doctor, or when going for treatment.

Section 2: Hazards Identification

GHS Signal Word:

WARNING

GHS Hazard Pictograms:



GHS Classifications:

Health, Skin corrosion/irritation, 2

Health, Serious Eye Damage/Eye Irritation, 2 B

Health, Specific target organ toxicity – Single Exposure, 3

Environmental, Hazards to the aquatic environment – Acute, 1

Environmental, Hazards to the aquatic environment – Chronic, 4

GHS Phrases:

H315-Causes skin irritation

H320-Causes eye irritation

H335-May cause respiratory irritation

H400-Very toxic to aquatic life

H413-May Cause long lasting harmful effects to aquatic life

GHS Precautionary Statements:

P220-Keep/Store away from clothing/combustible materials



Safety Data Sheet

P260-Do not breathe dust/fume/gas/mist/vapors/spray
 P264-Wash exposed skin thoroughly after handling
 P262-Do not get in eyes, on skin, or on clothing
 P270-Do not eat, drink or smoke when using this product
 P280-Wear protective gloves/protective clothing/eye protection/face protection
 P273-Avoid release to the environment
 P301+330+331-IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
 P312- Call a POISON CENTER or doctor/physician if you feel unwell
 P303+361+353-IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+341- IF INHALED: If breathing is difficult, move victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338- IF IN EYES: Rinse continuously with water for several minute. Remove contact lenses if present and easy to do. Continue Rinsing
 P309+311-IF EXPOSED (of if you feel unwell): Call a POISON CENTER or doctor/physician.
 P401-Store upright in a cool, dry place.
 P501-Dispose of contents/container to an approved waste disposal plant

Section 3: Composition/Information on Ingredients

CAS #	Percentage (%)	Chemical Name
7681-52-9	3.00-6.00%	Sodium Hypochlorite
7732-18-5	94.00-97.00%	Water

Section 4: First Aid Measures

Inhalation: In the event of exposure to excessive vapor levels, move the individual to fresh air and seek medical attention if symptoms develop or persist

Skin Contact: Immediately rinse with plenty of water while removing any contaminated clothing. If irritation develops or persists, seek medical attention. Wash contaminated clothing before reuse

Eye Contact: Rinse immediately with plenty of water. Keep eye(s) wide open while rinsing. Avoid rubbing the affected area. Seek medical attention if needed.

Ingestion: Do NOT induce vomiting. Rinse mouth thoroughly with water. Drink plenty of water. Call a physician or poison control center.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.



Safety Data Sheet

Section 5: Fire-Fighting Measures

Flammability: Not Flammable

Flash Point: No information available

Flash Point Method: No information available

Burning Rate: No information available

Autoignition Temp: No information available

LEL: No information available

UEL: No information available

- Highly exothermic reactions with organic materials and oxidizable materials may cause fires
- In the event of a fire, wear full protective clothing and MSHA/NIOSH self-contained breathing apparatus with a full facepiece operated in the pressure-demand or other positive pressure mode.
- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment; water spray may be used to keep fire exposed containers cool.

Section 6: Accidental Release Measures

- Use personal protective equipment as required/recommended. Evacuate public to a safe area. Avoid contact with skin, eyes, and clothing.
- Prevent spills from entering sewers or waterways. Contain run-off using diking composed of a suitable material. Soak up liquid on inert absorbent and transfer to an approved container. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Handling Precautions: Use personal protective equipment as required/recommended. Use only with adequate ventilation. Avoid contact with skin, eyes, and clothing. Use suitable respiratory equipment in case of inadequate ventilation.

Storage Requirements: Store using properly labeled containers in a cool, dry, well ventilated area. Keep out of reach of children. Separate from incompatible materials.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use adequate ventilation, especially in confined spaces

Personal Protective Equipment: Avoid all unnecessary exposure. Chemical splash goggles; face shield/neoprene gloves; NIOSH approved respirator; Apron.



Safety Data Sheet



Section 9: Physical and Chemical Properties

Physical State	Liquid
Appearance	Clear yellow liquid
Odor	Slight chlorine
Solubility:	Completely miscible in water
pH	11.5 - 13.5
Spec Grav./Density	1.04-1.057

Section 10: Stability and Reactivity

Stability:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Conditions to avoid:	Contact with incompatible materials. Excessive heat and exposure to light. Reacts violently with strong acids producing chlorine gas. Contact with amines will result in chloramines.
Materials to avoid:	Strong oxidizing agents, acids, metals, organic compounds, ammonia. Oxidizable or consumable materials.
Hazardous Decomposition:	None under normal processing.
Hazardous Polymerization:	Will not occur.

Section 11: Toxicological Information

Toxicity Data:	Eye Effects:	Causes Eye Burns
	Skin Effects:	Causes skin irritation and may cause burns to broken skin.
	Acute Inhalation Effects:	Vapors and mist may irritate throat and respiratory system; may cause coughing.
	Chronic Effects:	Prolonged or repeated overexposure may cause lung damage.
	Carcinogenicity:	Not a known carcinogen.
	Mutagenicity:	Not known.
	Teratogenicity:	Not known.
Acute Toxicity:	Oral (LD 50):	No data available.
	Inhalation (LC 50):	No data available.



Safety Data Sheet

Skin Irritation:	Causes severe skin irritation and may cause burns to broken skin.
Eye irritation:	Causes serious eye damage.
Sensitizer:	No data available
Chronic Toxicity:	IARC Group 3; Not classifiable as a human carcinogen.

Section 12: Ecological Information

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a national pollutant discharge elimination systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA.

Section 13: Disposal Considerations

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Do not reuse container but place in trash collection or offer for recycling where facilities accept colored HDPE bottles.

Section 14: Transport Information

DOT:	Not regulated. Classified as non-hazardous.
-------------	---

Section 15: Regulatory Information

COMPONENT	CAS/%	CODES
*Sodium Hypochlorite	7681-52-9 3.00-6.00%	CERCLA, CSWHS, MASS, PA, TSCA
*Water	7732-18-5 94.00-97.00%	TSCA

Regulatory Key Descriptions:	CERCLA:	Superfund clean-up substance
	CSWHS:	Clean Water Act Hazardous Substances
	MASS:	MA Massachusetts Hazardous Substances List
	PA:	PA Right-To-Know List of Hazardous Substances
	TSCA:	Toxic Substances Control Act
	OSHA/WAC:	OSHA Workplace Air Contaminants
	TXAIR:	TX Air Contaminants with Health Effects Screening Level.



Safety Data Sheet

Section 16: Other Information, Including Date of Preparation or Last Revision

Revision Date: 08/07/2018

Other Information This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

DISCLAIMER: *This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. The information should be used to make an independent determination and therefore, users are responsible to verify this data under their own operating conditions and methods. This information relates only to the product designated herein, and does not related to its use in combination with other materials or processes.*