



Standard 16-Section SDS / MSDS

Product Name:	Sodium Hypo Chlorite 12 to 15 1000 Kg IBC	Part No / SKU:	RXSOL-22-3025-201
Date of Issue:	October 21, 2026	Document Type:	Material Safety Data Sheet (MSDS)

[illegible]

breathing, lung edema
(fluid buildup in the lung tissue), lung damage, shock, coma, and death.

Target Organ Effects
This material (or a component) has been shown to lower activity of certain immune system cells in experimental animals.

The significance of this effect with respect to human health is uncertain.

Developmental Information
There are no data available for assessing risk to the fetus from maternal exposure to this material.

Cancer Information
Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Other Health Effects
When combined with an acid or ammonia, sodium hypochlorite may produce chlorine or chloramine gas, respectively. Inhalation of these gases results in coughing, choking, difficult breathing, and other symptoms of respiratory tract irritation. Fluid may collect in the lung tissue following a severe gas exposure.

Primary Route(s) of Entry
Inhalation, Skin contact, Eye contact.

Eyes
If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. If symptoms develop as a result of vapor exposure, immediately move individual away from exposure and into fresh air before flushing. As recommended above. Seek immediate medical attention.

Skin
Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention. Wash clothing before reuse and discard contaminated shoes.

Swallowing
Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave individual unattended.

Inhalation
If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Note to Physicians
Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), immune system.

Flash Point
Not applicable

Explosive Limit
Not applicable

Autoignition Temperature
No data

Hazardous Products of Combustion
May form: chlorine

Fire and Explosion Hazards
No special fire hazards are known to be associated with this product.

Extinguishing Media
Use an extinguishing media appropriate for surrounding fire.

Fire Fighting Instructions
Water may be used to keep fire-exposed containers cool until fire is out. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure

demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating	Health - 3, Flammability - 0, Reactivity - 1
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Small Spill
Dilute with water and absorb onto a noncombustible absorbent material.

Large Spill
Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Collect and add slowly to large volume of water. Persons not wearing protective equipment should be excluded from area of spill until clean-up is completed. Stop spill at source. Dike to prevent spreading. Pump to salvage tank.

Handling
Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure

Eye Protection
Chemical splash goggles and face shield (8" min.) in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your industrial hygienist.)

Skin Protection
Wear impervious gloves (consult your safety equipment supplier). To prevent skin contact, wear impervious clothing and boots.

Respiratory Protections
If overexposure has been determined or documented, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier.) Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls
Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Exposure Guidelines
Component

WATER (7732-18-5)	No exposure limits established
SODIUM HYPOCHLORITE (7681-52-9)	No exposure limits established

Boiling Point
(for component) 212.0 F (100.0 C)

Vapor Pressure
(for component) 17.500 mmHg

Specific Vapor Density
No data

Specific Gravity
1.220 - 1.250 @ 68.00 F

Liquid Density
10.400 lbs/gal @ 68.00 F 1.250 kg/l @ 20.00 C

Percent Volatiles
87.5%

Evaporation Rate
SLOWER THAN ETHYL ETHER

Appearance
No data

State

LIQUID

Physical Form

HOMOGENEOUS SOLUTION

Color

CLEAR TO YELLOW

LIQUID

Odor

CHLORINATED BLEACH ODOR

pH

13.5

Solubility in Water

SOLUBLE



Hazardous Polymerization

Product will not undergo hazardous polymerization.



No data



No data



No data

Waste Management Information		Dispose of in accordance with all applicable local, state and federal regulations.
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DOT Description:		
HYPPOCHLORITE SOLUTIONS		
NOS Component:		
Not applicable		
Not Classified as Dangerous good.		

Chemical Inventory Status - Part 1

Ingredient

TSCA

EC

Japan

Australia

Sodium Hypochlorite (as NaOCl) (7681-52-9)

Yes

Yes

Yes

Yes

Water (7732-18-5)

Yes

Yes

Yes

Yes

Chemical Inventory Status - Part 2

Ingredient

Korea

DSL

NDSL

Phil.

Sodium Hypochlorite (as NaOCl) (7681-52-9)

Yes

Yes

No

Yes

Water (7732-18-5)

Yes

No

Yes

Federal, State & International Regulations - Part 1

Ingredient

SARA 302

SARA 313

Ingredient

RQ

TPQ

List

Chemical Catg.

Sodium Hypochlorite (as NaOCl) (7681-52-9)

No

No

No

No

Water (7732-18-5)

No

No

No

No

Federal, State & International Regulations - Part 2

Ingredient

CERCLA

261.33

8(d)

Sodium Hypochlorite (as NaOCl)

100

No

(7681-52-9)

Water (7732-18-5)

No

No

No

No

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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