

Safety Data Sheet

Complies with EC no. 1907/2006
Issue Date:08/15/2018

Section 1: Chemical Product and Company Identification

Page 1 of 4

Cat#: 26402

Part Name: DECON IRADECON 4632 BLEACH DISINF

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976 USA
Company phone number 215-343-6484, 24-hour emergency phone number ChemTel 1-800-255-3924 Contract # MIS1592086

Identified uses: Laboratory use, manufacture of substances

Section 2: Hazards Identification

Hazard Overview

Causes eye irritation.

May cause skin and respiratory tract irritation.

GHS Classification

Acute Inhalation Cat 5, Acute Oral Toxicity Cat 5 Skin Irritant Cat5,

Eye Irritation Category 2A

Signal word: **Warning**



Hazard and Precautionary Statements

H313 + H333	May be harmful in contact with skin or if inhaled
H319	Causes serious eye irritation.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P280A	Wear protective gloves
P301A	IF SWALLOWED do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305B	IF IN EYES, Separate eyelids with finger tips.
P340	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P351	Rinse cautiously with water for several minutes.
P361	Remove/Take off immediately all contaminated clothing.
P501	Dispose of contents/container to proper waste area in accordance with institutional practices and local, state or federal regulations.

NFPA Rating

Hazard Ratings:

These ratings are Polysciences' Inc. own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
1	1	0

Section 3: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

Item#	Name	EINECS	CAS#	% in product
1	Hypochlorous acid, sodium salt	231-668-3	0007681-52-9	1 - 10
2	Sodium hydroxide	215-185-5	0001310-73-2	0-1
3	Water	231-791-2	0007732-18-5	90 - 100

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If breathing is difficult, contact emergency personnel.

If swallowed, wash out mouth with water if person is conscious.

Remove contaminated clothing.

Remove to fresh air.

Separate eyelids with finger tips.

Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: no data Method: no data
 UEL: no data LEL: no data Autoignition temperature, deg. F.: no data
 Flammability Classification: no data Flame Propagation Rate: no data
 Hazardous Combustion Products: no data

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

- Absorb liquids on absorbent material.
- Contain spilled liquids.
- Protect personnel from exposure.
- Remove ignition sources.
- Use appropriate personal protective equipment.

Section 7: Handling and Storage

Store at room temp

Section 8: Exposure Controls/ Personal Protection

OSHA (ACGIH) Exposure Limits

	IDLH:	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
Hypochlorous acid, sodium salt	NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
Sodium hydroxide	10 mg/m3						
OSHA		Not classifi	2	--	--	--	--
ACGIH		--	--	--	--	--	2
Water	NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

- Use chemical splash goggles and face shield.
- Use latex or equivalent gloves.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

Formula: mixture vapor pressure: 17.5
 Formula Weight: mixture vapor density: no data
 boiling point: 212 F Specific gravity: 1.083
 melting point: no data ph: 11.0
 solubility: complete appearance: clear pale, yellow liquid

Section 10: Stability and Reactivity

Chemical Stability stable
 Conditions to Avoid: no data
 Incompatibility with other materials: no data
 Hazardous Decomposition Products: chlorine gas
 Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
 Subchronic data: no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

Waste Code	Regulated Name
Hypochlorous acid, not listed	not listed
Sodium hydroxide not listed	not listed
Water not listed	not listed

Section 14: Transportation Data

Proper Shipping Name
 Chemical Name
 UN
 Class
 PG

Section 15: Regulatory Information

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

	Column A	Column B
Hypochlorous acid, sodium salt	no	no
Sodium hydroxide	no	no
Water	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

Hypochlorous not listed
 Sodium hydrox not listed
 Water not listed

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

Regulated name	de minimis conc. %	Rep. Thres.
Hypochlorous acid, sodium salt not listed	not listed	not listed
Sodium hydroxide not listed	not listed	not listed
Water not listed	not listed	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

Regulated name	TPQ (pounds)	EHS-RQ(pounds)
Hypochlorous acid, sodium salt not listed	not listed	not listed
Sodium hydroxide not listed	not listed	not listed
Water not listed	not listed	not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

Regulated name	RQ (pounds)
Hypochlorous acid, sodium salt Not listed	Not listed
Sodium hydroxide Not listed	Not listed
Water Not listed	Not listed
Hypochlorous acid, sodium salt Hypochlorite solutions	100
Sodium hydroxide Sodium hydroxide	1,000
Hypochlorous acid, sodium salt Sodium hypochlorite	100

Section 16: Other Information

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END OF MSDS