

# Safety Data Sheet

## Clidox® Deactivator



SDS Revision Date:

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### 1. Identification

#### 1.1. Product identifier

**Product Identity** Clidox® Deactivator

**Alternate Names** Clidox® Deactivator

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** To deactivate Clidox-S use solution before disposal.

**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** Pharmacal Research Labs., Inc.  
562 Captain Neville Dr.  
Waterbury, CT 06705, USA

#### 24 hour Emergency Telephone No.:

**CHEMTREC (USA)** (800) 424-9300

**IN CANADA CALL CANUTEC** (613) 996-6666

**Customer Service: Pharmacal Research Labs., Inc.** 203-755-4908, (800)-243-5350

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Not a hazardous substance or mixture.

#### 2.2. Label elements

Not a hazardous substance or mixture.

#### [Prevention]:

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P301+330+331 IF SWALLOWED: Rinse mouth with water.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

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P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P363 Wash contaminated clothing before reuse.

### [Storage]:

P405 Store locked up.

### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium Thiosulfate Solution CAS Number: 10102-17-7	30	Not a hazardous substance or mixture.	

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Move to fresh air. Consult a physician if irritation of respiratory passages occur.
<b>Eyes</b>	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>Skin</b>	Take off contaminated clothing. Wash off with soap and plenty of water.
<b>Ingestion</b>	Call a poison control center or doctor for treatment advice. Have person rinse mouth with water. Do not give anything by mouth to an unconscious person. DO NOT Induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Overview</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
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## 5. Fire-fighting measures

### 5.1. Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

no data available

### 5.3. Advice for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

**ERG Guide No.** NA

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not let product enter drains.

### 6.3. Methods and material for containment and cleaning up

#### Steps to be taken in case material is released or spilled:

Keep in suitable, closed containers for disposal.

#### “Empty” container warnings:

Do not reuse empty container. Triple rinse with water. Dispose of in conformance with federal, state, and local regulations.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Use goggles or face shield, rubber gloves, and boots where contact is expected.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

Keep out of reach of children.

For professional use only.

Do not mix with any other chemicals unless compatibility has been established by the manufacturer.

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**8. Exposure controls and personal protection**

**8.1. Control parameters**

**Exposure**

10102-17-7	Sodium Thiosulfate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
10102-17-7	Sodium Thiosulfate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

**8.2. Exposure controls**

**Respiratory**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eyes**

Chemical Splash goggles or faceshield

**Skin**

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact. Use neoprene or rubber gloves or PVC..

**Engineering Controls**

General industrial hygiene practice.

**Other Work Practices**

An eyewash fountain should be located in areas where the product is used. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

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**9. Physical and chemical properties**

<b>Appearance</b>	Clear Liquid
<b>Odor</b>	Not Measured
<b>Odor threshold</b>	Not Measured
<b>pH</b>	7.5
<b>Melting point / freezing point</b>	Not Measured
<b>Initial boiling point and boiling range</b>	Not Measured
<b>Flash Point</b>	Not Measured
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not Measured <b>Upper Explosive Limit:</b> Not Measured
<b>Vapor pressure (Pa)</b>	Not Measured
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	1.3
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured

**9.2. Other information**

Physical properties are approximate or typical values and should not be used for precise design purposes.

**10. Stability and reactivity**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

Strong oxidizing agents, Strong acids

**10.6. Hazardous decomposition products**

No data available.

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### 11. Toxicological information

#### Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Sodium Thiosulfate (10102-17-7)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

### 12. Ecological information

#### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium Thiosulfate (10102-17-7)	Not Available	Not Available	Not Available

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### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	NA	NA	NA
14.2. UN proper shipping name	Liquid Cleaning Coumpound	Liquid Cleaning Coumpound	Liquid Cleaning Coumpound
14.3. Transport hazard class(es)	DOT Hazard Class: NA DOT Label: NA	IMDG: NA Sub Class: Not Applicable	Air Class: NA
14.4. Packing group	NA	NA	NA

### 14.5. Environmental hazards

IMDG Marine Pollutant: No

### 14.6. Special precautions for user

No further information

## 15. Regulatory information

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance** All components of this material are either listed or exempt from listing on the TSCA

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**Control Act ( TSCA)** Inventory.

**WHMIS Classification** NA

**US EPA Tier II Hazards**

**Fire:** No

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** No

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs (lbs):**

No SARA Hazards

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**N.J. RTK Substances (>1%):**

Sodium thiosulfate

**Penn RTK Substances (>1%):**

Sodium thiosulfate

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

Not a hazardous substance or mixture.



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**Revision Date: 07/12/2022 Supersedes: 03/16/2015 Reason: Review and Update**

**Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.**

The information and recommendations contained herein are, to the best of Pharmacal's knowledge and belief, accurate and reliable as of the date issued. Pharmacal does not warrant or guarantee their accuracy or reliability, and Pharmacal shall not be liable for any loss or damage arising out of their use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

The hazardous materials identification system (HMIS) and national fire protection association ratings have been included by Pharmacal research laboratories INC. In order to provide additional health and hazard information. The ratings recommended are based upon criteria supplied by the developers of these rating systems, together with Pharmacal's interpretation of the available data.

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