

# MATERIAL SAFETY DATA SHEET

Pharmacal Research Laboratories Inc. •  
PO BOX 369, Naugatuck, CT 06770  
(203) 755-4908 • 800-243-5350 • FAX (203) 755-4309  
www.pharmacal.com



HMIS  
Health-1 Fire-0 Reac-2

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## I. PRODUCT IDENTIFICATION

PRODUCT NAME:

**CLIDOX-S® BASE**

MANUFACTURER:

PHARMACAL RESEARCH LABS., INC.  
562 Captain Neville Drive  
Waterbury, CT 06705

**EMERGENCY TELEPHONE NUMBERS:**  
**CHEMTREC**  
**IN CANADA CALL CANUTEC**

**FOR CHEMICAL EMERGENCY**  
**1-800-424-9300**  
**1-613-996-6666**

## II. COMPONENTS AND HAZARD INFORMATION

COMPONENTS	CAS NO. OF COMPONENTS	APPROXIMATE CONCENTRATION
SODIUM CHLORITE	7758-19-2	0.85 %

### **WARNING STATEMENTS**

**CAUTION:** May cause moderate eye irritation. Harmful if swallowed, or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse.

**KEEP OUT OF REACH OF CHILDREN**

## III. EMERGENCY AND FIRST AID PROCEDURES

If in eyes:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li><li>• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If swallowed:	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person rinse mouth with water. If able to swallow, drink water to cause dilution.</li><li>• <b>Do not induce vomiting unless told to do so by the poison control center or doctor.</b></li><li>• <b>Do not give anything by mouth to an unconscious person.</b></li></ul>
If on skin or clothing:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
Inhalation:	<ul style="list-style-type: none"><li>• Move to fresh air.</li><li>• Consult a physician if irritation of respiratory passages occur.</li></ul>

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## IV. FIRE AND EXPLOSION DATA

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### HANDLING PRECAUTIONS:

KEEP IN WELL VENTILATED AREA. KEEP CONTAINERS COOL BY SPRAYING WITH WATER IF EXPOSED TO FIRE.

### EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:

APPROACH FIRE FROM UPWIND TO AVOID HAZARDOUS VAPORS & TOXIC DECOMPOSITION PRODUCTS. EXTINGUISH FIRE WITH WATER. USE FULL PROTECTIVE CLOTHING AND SELF CONTAINED BREATHING APPARATUS.

### DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:

MAY REACT WITH COMBUSTIBLE SUBSTANCES OR ACIDS. CAN RELEASE CHLORINE OR CHLORINE DIOXIDE.

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## V. HEALTH AND HAZARD INFORMATION

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EFFECTS OF OVEREXPOSURE / SIGNS AND SYMPTOMS OF EXPOSURE:  
INHALATION MAY BE IRRITATING

### NATURE OF HAZARD AND TOXICITY INFORMATION:

ACUTE ORAL TOXICITY	GREATER THAN 5g/kg
SKIN IRRITATION	MATERIAL IS A SLIGHT SKIN IRRITANT
primary irritation score (index)	0.61
EYE IRRITATION	MATERIAL IS PRACTICALLY NON-IRRITATING
mean maximum score	1.33

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## VI. PHYSICAL DATA

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THE FOLLOWING DATA ARE APPROXIMATE OR TYPICAL VALUES AND SHOULD NOT BE USED FOR PRECISE DESIGN PURPOSES.

SPECIFIC GRAVITY	1.01
pH	11.5
PRODUCT APPEARANCE	CLEAR LIQUID
SOLUBILITY IN WATER @ 1 ATM AND 25°C	COMPLETE

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## VII. REACTIVITY

AVOID CONTACT WITH COMBUSTIBLE OR ACIDIC SUBSTANCES EXCEPT AS DIRECTED ON THE LABEL. WILL RELEASE CHLORINE DIOXIDE

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## VIII. SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

DO NOT ABSORB IN COMBUSTIBLE MATERIALS. CONTAIN SPILLED MATERIAL IN SUITABLE CONTAINERS OR HOLDING AREA. DISPOSE OF IN CONFORMANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

### “EMPTY” CONTAINER WARNINGS:

DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE WITH WATER. DISPOSE OF IN CONFORMANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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## IX. PROTECTION AND PRECAUTIONS

### VENTILATION:

GOOD VENTILATION.

### RESPIRATORY PROTECTION:

NIOSH APPROVED RESPIRATOR IF THERE IS A REASONABLE POSSIBILITY OF EXPOSURE

### PROTECTIVE GLOVES:

LATEX OR OTHER ACID RESISTANT GLOVE

### EYE PROTECTION:

CHEMICAL SPLASH GOGGLES OR FACESHIELD

### PERSONAL HYGIENE:

DO NOT GET IN EYES, ON SKIN OR CLOTHING. WASH THOROUGHLY AFTER USE

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## X. TRANSPORTATION INFORMATION

### TRANSPORTATION INCIDENT INFORMATION:

NOT REGULATED AS A HAZARDOUS MATERIAL BY THE D.O.T.

### DOT IDENTIFICATION NUMBER

N/A

### SHIPPING DESCRIPTION

DISINFECTANT, NOI, ITEM# 57100, SUB 3

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