

MATERIAL SAFETY DATA SHEET

Pharmacal Research Laboratories Inc. •
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(203) 755-4908 • 800-243-5350 • FAX (203) 755-4309
www.pharmacal.com



HMIS
Health-2 Fire-0 Reac-0

DATE OF ISSUE 03/10/2012

I. PRODUCT IDENTIFICATION

PRODUCT NAME: **CLIDOX-S® ACTIVATOR**
MANUFACTURER: PHARMACAL RESEARCH LABS., INC.
562 Captain Neville Drive
Waterbury, CT 06705

EMERGENCY TELEPHONE NUMBERS: **FOR CHEMICAL EMERGENCY**
CHEMTREC 1-800-424-9300
IN CANADA CALL CANUTEC 1-613-996-6666

II. COMPONENTS AND HAZARD INFORMATION

| COMPONENTS | CAS NO. OF COMPONENTS | APPROXIMATE CONCENTRATION |
|--------------------|-----------------------|---------------------------|
| HYDROXYACETIC ACID | 79-14-1 | 10 % |

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">• 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. |
| If swallowed: | <ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person rinse mouth with water. If able to swallow, drink water to cause dilution.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
| If on skin or clothing: | <ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 - 20 minutes.• Call a poison control center or doctor for treatment advice. |
| Inhalation: | <ul style="list-style-type: none">• Move to fresh air.• Consult a physician if irritation of respiratory passages occur. |

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IV. FIRE AND EXPLOSION DATA

FLASH POINT (MINIMUM):
NON-FLAMMABLE

HANDLING PRECAUTIONS:
KEEP IN WELL VENTILATED AREA. STORE ABOVE 10°C (50°F). USE GOGGLES OR
FACESHIELD AND RUBBER GLOVES WHERE CONTACT IS EXPECTED.

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:
USE MEDIA AND PROTECTIVE CLOTHING FOR SURROUNDING FIRE

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:
CONTACT WITH METALS MAY PRODUCE FLAMMABLE HYDROGEN GAS

V. HEALTH AND HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE / SIGNS AND SYMPTOMS OF EXPOSURE:
NONE LISTED

NATURE OF HAZARD AND TOXICITY INFORMATION:

| | |
|----------------------------------|---|
| ACUTE ORAL TOXICITY | GREATER THAN 5g/kg |
| SKIN IRRITATION | MATERIAL IS NOT A PRIMARY SKIN IRRITANT |
| primary irritation score (index) | 0.34 |
| EYE IRRITATION | MATERIAL IS NOT A PRIMARY EYE IRRITANT |
| mean maximum score | 0.7 |

VI. PHYSICAL DATA

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

| | |
|--------------------------------------|--------------|
| SPECIFIC GRAVITY | 1.03 |
| pH | 2 |
| PRODUCT APPEARANCE | CLEAR LIQUID |
| SOLUBILITY IN WATER @ 1 ATM AND 25°C | COMPLETE |

VII. REACTIVITY

CONTACT WITH REACTIVE METALS AND STRONG OXIDIZING AGENTS TO
PRODUCE HYDROGEN. OXIDES, OR NITROGEN

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VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
NEUTRALIZE WITH LIME OR SODA ASH- FLUSH TO DRAIN WITH PLENTY OF WATER IN ACCORDANCE 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.

IX. PROTECTION AND PRECAUTIONS

VENTILATION:

GOOD VENTILATION.

RESPIRATORY PROTECTION:

NIOSH APPROVED ACID 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

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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