

MATERIAL SAFETY DATA SHEET

Pharmaceutical Research Laboratories Inc.
PO BOX 369, Naugatuck, CT 06770
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HMIS
Health-2 Fire-0 Reac-1

DATE OF ISSUE: 9/1/04

I. IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: HYPOCHLOR®

FOR CHEMICAL EMERGENCY CALL CHEMTREC 1-800-424-9300

MANUFACTURER:

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

II. COMPONENTS AND HAZARD INFORMATION

COMPONENTS	CAS NO. OF COMPONENTS	APPROXIMATE CONCENTRATION
SODIUM HYPOCHLORITE	7681-52-9 UN 1791	12.5%
SODIUM HYDROXIDE	1310-73-2 UN 1823	0.8%

III. EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

FLUSH WITH WATER FOR 15 MINUTES - GET MEDICAL ATTENTION

SKIN CONTACT:

REMOVE SOAK CLOTHES; RINSE WITH SOAP AND WATER FOR AT LEAST 5 MINUTES

INHALATION:

MOVE TO FRESH AIR - CALL PHYSICIAN IF EXPOSURE IS SEVERE

INGESTION:

IF CONSCIOUS, DRINK LARGE QUANTITIES OF MILK OR GELATIN SOLUTION; IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER - DO NOT GIVE VINEGAR OR OTHER ACIDS - **DO NOT INDUCE VOMITING - GET PROMPT MEDICAL ATTENTION**

IV. FIRE AND EXPLOSION DATA

FLASH POINT (MINIMUM): NOT ESTABLISHED
(NOTE: MATERIAL IS A STRONG OXIDIZER - CONTACT WITH COMBUSTIBLES MAY INITIATE OR PROMOTE COMBUSTION)

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HANDLING PRECAUTIONS: USE GOGGLES AND/OR FACE SHIELDS - RUBBER GLOVES AND BOOTS WERE LIQUID CONTACT IS EXPECTED

FLAMMABLE OR EXPLOSIVE LIMITS: NOT ESTABLISHED

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES:
FLOOD WITH WATER OR CARBON DIOXIDE (CO₂)

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:
MAY PRODUCE HYDROCHLORIC ACID AND/OR CHLORINE GAS

“EMPTY” CONTAINER WARNINGS:

RINSE THOROUGHLY WITH WATER - DISPOSE OF CONTAINER IN CONFORMANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

V. HEALTH AND HAZARD INFORMATION

VARIABILITY AMONG INDIVIDUALS: NONE KNOWN

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES & SKIN: EXTREME IRRITANT, CORROSIVE

INHALATION OR INGESTION: IRRITATING TO MUCOUS MEMBRANES - MOUTH, THROAT AND STOMACH PAIN - POSSIBLE ULCERATION

NATURE OF HAZARD AND TOXICITY INFORMATION:

SKIN CONTACT IRRITANT, CORROSIVE

INHALATION FUMES FROM SPILLS IRRITATING TO MUCOUS MEMBRANES

EYE CONTACT EXTREME IRRITANT, CORROSIVE

CHRONIC OVEREXPOSURE EYES: CAN CAUSE DAMAGE
SKIN: CAN CAUSE DAMAGE - CHEMICAL BURN

VI. PHYSICAL DATA

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

BOILING POINT (760 mm Hg) DECOMPOSES

SPECIFIC GRAVITY 1.2

pH 12.5-13.5

SOLUBILITY IN WATER @ 1 ATM AND 25°C COMPLETE

VII. REACTIVITY

CONTACT WITH ACID RELEASES CHLORINE GAS - NATURAL DECOMPOSITION PRODUCT IS OXYGEN - THERMAL DECOMPOSITION OR BURNING CAN PRODUCE HYDROCHLORIC ACID

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VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: MATERIAL IS TOXIC TO FISH - CONTAIN IN DIKED AREA - NEUTRALIZE WITH SODIUM SULFITE, SODIUM BISULFITE OR FERROUS SALT SOLUTIONS - DILUTE COPIOUSLY WITH WATER - DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS

IX. PROTECTION AND PRECAUTIONS

VENTILATION:	LOCAL EXHAUST
RESPIRATORY PROTECTION:	USE NIOSH CERTIFIED SUITABLE FOR CHLORINE
PROTECTIVE GLOVES:	RUBBER
EYE PROTECTION:	CHEMICAL GOGGLES
PERSONAL HYGIENE:	WASH AFTER HANDLING - CLEAN CONTAMINATED GARMENTS BEFORE REUSING

X. TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION:	STORE UPRIGHT IN A COOL, DRY AREA AWAY FROM DIRECT SUNLIGHT AND EXCESSIVE HEAT - DO NOT STORE NEAR OTHER INCOMPATIBLE SWIMMING POOL PRODUCTS SUCH AS CHLORINATED ISOCYRANURATES OR MURIATIC ACID
DOT IDENTIFICATION NUMBER	UN 1791
SHIPPING DESCRIPTION	HYPOCHLORITE SOLUTION, 8, UN 1791, PG III NMFC ITEM # 46380, SUB 1

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