



Guardian Laboratories

a division of UNITED-GUARDIAN, INC.

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MATERIAL SAFETY DATA SHEET

**CALL FOR
THE LATEST
VERSION OF
THIS MSDS**

REPLACES:

12/27/2004

WRITTEN BY: J. Vernice

DATE: 22-Jul-08 **SIGNATURE**

1. IDENTIFICATION OF THE MATERIAL AND THE PRODUCER

COMMERCIAL NAME: CLORPACTIN WCS-90

CHEMICAL NAME: Oxychlorosene
(CAS No:)

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2. COMPOSITION / INFORMATION OF THE INGREDIENTS

HAZARDOUS MATERIALS: Ca(OCl)₂ (up to 8% available chlorine)

3. IDENTIFICATION OF THE DANGERS

INHALATION CONCENTRATED POWDER IS CORROSIVE

SKIN: CONCENTRATED POWDER IS CORROSIVE

EYES: CONCENTRATED POWDER IS CORROSIVE

INTAKE: ND

4. FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

SKIN: WASH AFFECTED AREAS WITH COPIOUS AMOUNTS OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

EYES: FLUSH EYES WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INTAKE: SEEK MEDICAL ATTENTION.

BURNS: SEEK MEDICAL ATTENTION.

5. MEASURES IN CASE OF FIRE

EXTINGUISHING MEDIA:

WATER: Yes FOAM: Yes CO2: Yes DRY CHEMICAL: No

UNUSUAL HAZARDS: Explosive when heated with organic matter, reducing agents, ammonia and others.

SPECIAL PROCEDURES: Wear SCBA. Caution! Emits toxic and irritating Cl₂ upon heating above 175 C.

LEL: ND

UEL: ND

6. MEASURES IN CASE OF ACCIDENTAL LEAK

SPILL PROCEDURES: Ventilate area. Remove unnecessary personnel. Neutralize spills with dilute sodium thiosulfate solution. Scoop up spills and transfer to an approved waste disposal container.

7. HANDLING AND STOCKING

HANDLING PROCEDURES: Store under refrigeration (3-8 deg. C).

INCOMPATIBILITY: Organic matter, acids, amines, ammonia, metals.

8. CONTROL TO EXPOSURE / INDIVIDUAL PROTECTION

VENTILATION: Local.

RESPIRATORY PROTECTION: Recommended when handling large amounts.

EYE PROTECTION: Recommended.

GLOVES: Recommended to avoid undesired contact.

OTHER PROTECTION: Lab coat.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: FINE POWDER

pH: .25% 6.4-6.8

COLOR: WHITE

ODOR: CHLORINE

CHANGE IN PHYSICAL STATE: ND

VISCOSITY: NA

SOLUBILITY: WATER: Dispersible.

DENSITY: 1.21 g/cc tapped

BULK DENSITY: ND

FLASH POINT: ND

IGNITION: ND

EXPLOSION LIMITS: ND

VAPOR PRESSURE: Negligible.

10. STABILITY AND REACTIVITY

STABILITY: Reactive Oxidizer.

CONDITIONS TO AVOID: High temperatures and humidities.

INCOMPATIBILITY: Organic matter, acids, amines, ammonia, metals.

HAZARDOUS DECOMPOSITION PRODUCT Cl₂, HOCl, HCl.

HAZARDOUS POLYMERIZATION: WILL OCCUR:

WILL NOT OCCUR: XX

11. TOXICOLOGICAL INFORMATION

TLV: 0.5 ppm (TWA) 1 ppm (STEL)

PEL: 0.5 ppm (TWA) 1 ppm (STEL)

EFFECTS OF OVEREXPOSURE: May irritate respiratory system, eyes and mucous membranes.

TOXICITY: Not considered toxic at normal use concentrations

CARCINOGEN STATUS: Not considered to be a carcinogen.

12. ECOLOGICAL INFORMATION

DEGRADATION: ND

AQUATIC TOXICITY: ND

13. CONSIDERATION ON DISPOSAL

DISPOSAL PROCEDURES: Consult local, state and federal regulatory agencies for proper disposal.

14. TRANSPORT INFORMATION

GGVSee/IMDG CODE:: ND

UN No: ND

GGVE/GGVS: ND

ICAO/IATA-DGR: ND

RID/ADR: ND

ADNR: ND

DOT CLASSIFICATION: Not Regulated.

HAZARDOUS MATERIAL ID: None.

15. INFORMATION ON CURRENT REGULATIONS

HAZARD SYMBOL: ND

R-PHRASES: ND

S-PHRASES: ND

HMIS RATING:	Health:	1	<u>HMIS RATINGS:</u>	
	Flammability:	1	0 - MINIMAL	3 - SERIOUS
	Reactivity:	2	1 - SLIGHT	4 - SEVERE
			2 - MODERATE	

16. OTHER INFORMATION

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LEGEND:

ND - NOT DETERMINED
NA - NOT APPLICABLE