



# 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:**

1/21/2005

**WRITTEN BY:** J. Vernice

**DATE:** 23-Jul-08 **SIGNATURE**

### 1. IDENTIFICATION OF THE MATERIAL AND THE PRODUCER

**COMMERCIAL NAME:** THOROCLENS

**CHEMICAL NAME:** Oxychlorosene  
(CAS No:)

**TELEPHONE:** (631) 273 - 0900

**CONTACT:** J. VERNICE

### 2. COMPOSITION / INFORMATION OF THE INGREDIENTS

**HAZARDOUS MATERIALS:** Complexed (OCI)- - <10% Available Chlorine

### 3. IDENTIFICATION OF THE DANGERS

**INHALATION** MAY IRRITATE RESPIRATORY TRACT AND MUCOUS MEMBRANES.

**SKIN:** MAY BE IRRITATING

**EYES:** MAY IRRITATE.

**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 Cl<sub>2</sub> 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 mater, acids, amines, ammonia, metals.

## 8. CONTROL TO EXPOSURE / INDIVIDUAL PROTECTION

**VENTILATION:** Local.

**RESPIRATORY PROTECTION:** Recommended when handling large amounts of product

**EYE PROTECTION:** Recommended.

**GLOVES:** Recommended to avoid undesired contact.

**OTHER PROTECTION:** Lab coat.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**FORM:** FINE POWDER

**pH:** .25% 6.3-6.9

**COLOR:** WHITE TO CREAM

**ODOR:** CHLORINE LIKE

**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 mater, acids, amines, ammonia, metals.

**HAZARDOUS DECOMPOSTION PRODUCT** Cl<sub>2</sub>, HOCl, HCl.

**HAZARDOUS POLYMERIZATION:** WILL OCCUR:

WILL NOT OCCUR: XX

## 11. TOXICOLOGICAL INFORMATION

**TLV:** 0.5 ppm (TWA) 1 ppm (STEL) as Cl<sub>2</sub>

**PEL:** 0.5 ppm (TWA) 1 ppm (STEL) as Cl<sub>2</sub>

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

**TOXICITY:** Not considered toxic.

**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

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

## 16. OTHER INFORMATION

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### LEGEND:

ND - NOT DETERMINED  
NA - NOT APPLICABLE