1. IDENTIFICATION OF THE MATERIAL AND THE PRODUCER

COMMERCIAL NAME: CLORPACTIN WCS-90

CHEMICAL NAME: Oxychlorosene

(CAS No:)

TELEPHONE: (631) 273 - 0900

CONTACT: J. VERNICE

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

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

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

**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).

**INCOMPATABILITY:** 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
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

**GGVSSee/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 | | HMIS RATINGS: |
|-------------|--------|-------------|
|             | 1      | 0 - MINIMAL |
| Flammability | 1      | 1 - SLIGHT  |
| Reactivity  | 2      | 2 - MODERATE|
|             |        | 3 - SERIOUS |
|             |        | 4 - SEVERE  |

16. OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the user thereof. United-Guardian, Inc. assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risk associated with the use of this material.

LEGEND:

ND - NOT DETERMINED
NA - NOT APPLICABLE