## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier: Clorpactin WCS-90

Recommended Use: Cosmetic / Personal Care

Supplier Details: United-Guardian, Inc.

P.O. Box 18050 / 230 Marcus Blvd. Hauppauge, NY 11788 USA

Emergency Phone Number: 1-800-424-9300 - ChemTrec Email Contact: support@u-g.com

#### **SECTION 2 - HAZARDS IDENTIFICATION**

Signal Word(s): WARNING!

**HAZARD** 

CODES **HAZARD CLASS**  **HAZARD CATEGORY** 

H272 Oxidizing liquids (chapter

2.13); Oxidizing solids (chapter 2.14)

Hazard Statement: May intensify fire; oxidizer

Other Hazards: Concentrated powder is corrosive; Explosive when heated with organic matter, reducing agents,

ammonia and others; Caution! Emits toxic and irritating Cl2 upon heating above 175°C

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**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS** 

**Chemical Identity:** CAS numbers: wt% range

**Common Names:** 

Ca(OCI)2 (Available Chlorine) 7778-54-3 6 - 8

**SECTION 4 - FIRST AID MEASURES** 

First Aid Measures (Skin): Wash affected area with copious amount of water. Seek medical attention if

symptoms persist.

First Aid Measures (Eyes): Flush with water for 15-20 minutes. Seek medical attention.

First Aid Measures (Ingestion): No expected adverse affects. Seek medical attention

First Aid Measures (Inhalation): Move victim to fresh air. Seek medical attention if symptoms persist.

## **SECTION 5 - FIRE-FIGHTING MEASURES**

## **Suitable Extinguishing Media**

Class "A" (water) fire extinguisher

Class "B" (carbon dioxide) fire extinguisher

**Unsuitable Extinguishing Media:** 

**Combustion Products** 

HCI

**HOCI** 

CI2

Fire Fighter PPE: Wear self contained breathing apparatus for fire fighting as necessary.

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

#### Recommended PPE:



Gloves



Protective Glasses / Goggles



**Self Contained Breathing Apparatus** 

**Environmental Precautions:** Evacuate area.

Cleanup Procedures: Collect spillage.

## **SECTION 7 - HANDLING AND STORAGE**

**Handling Precautions:** Use personal protective equipment as required.

**Conditions For Safe Storage:** Store contents under refrigeration (3-8°C)

## **SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**OEL:** Not Determined

**Engineering Controls:** None necessary

Recommended PPE:



Gloves



Protective Glasses / Goggles



**Self Contained Breathing Apparatus** 

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Fine white powder Odor Threshold: ND

Odor: Chlorine pH: (0.25%) 6.4-6.8

Melting Point/Range: ND Boiling Point: ND

Flash Point: ND Evaporation Rate: Less than water

Flammability: Not flammable

LEL: ND UEL: ND

Vapor Pressure: Negligible Vapor Density: ND

Relative Density: 1.21 gm/cc tapped Solubility: Water dispersible

Partition Coefficient: ND Auto Ignition Temperature: ND

Decomposition Temperature: ND Viscosity: NA

## **SECTION 10 - STABILITY AND REACTIVITY**

Reactivity: Reactive Oxidizer

Chemical Stability: Reactive Oxidizer

Hazardous Reactions: Hazardous polymerization will not occur

Conditions To Avoid: High temperatures and humidity

Incompatibility: Organic matter, acids, amines, ammonia, metals

Hazardous Decomposition Products: Ci2, HOCl, HCl

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

Likely Routes Of Exposure: Skin

Symptoms Of Exposure: Overexposure may irritate respiratory system, eyes and mucous membranes.

Toxicological Effects: Non-toxic - not listed as a carcinogen

Numerical Toxicity: TLV: 0.5 ppm (TWA) 1 ppm (STEL) PEL: 0.5 ppm (TWA) 1 ppm (STEL)

## **SECTION 12 - ECOLOGICAL INFORMATION**

Ecotoxicity: ND BOD: ND

COD: ND Biodegradability: ND

Bioaccumulative Potential: ND Mobility In Soil: ND

Other Ecological Effects: ND

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal Procedures:** Consult local, state, and federal regulatory agencies

**SECTION 14 - TRANSPORT INFORMATION** 

UN Number:

ND

UN Name:

ND

Transport Hazard Class:

Not Regulated

Packaging Group: ND

**Special Transport Precautions:** 

ND

**SECTION 15 - REGULATORY INFORMATION** 

Substance\_Specific\_Regulations: None

REACH Safety Assessment

**SECTION 16 - OTHER INFORMATION** 

**Changes from last** 

Removed HMIS

revision/issue:

**Revision/Issue Date:** 

26-Jan-17

Prepared By: Joseph Vernice

LEGEND: NA = Not Applicable ND=Not Determined

Please browse to http://u-g.com/msds.html to check for the latest version of the SDS

## **General Disclaimer:**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated.