Guardian Laboratories
a division of UNITED-GUARDIAN, INC.

Safety Data Sheet

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)	3

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

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity: Common Names:	CAS numbers:	wt% range
Ca(OCl)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

HCl

HOCl

Cl2

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

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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

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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 revision/issue: Removed HMIS

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.