

Material Safety Data Sheet

Germacid

Section 1: Identification of the substance/mixture and of the company/undertaking

Product name: Germacid

Product Description: Bactericidal, virucidal, fungicidal floor and hard surfaces disinfectant

Instructions for use: 2 oz /gallon for hospitals and medical care institutions.

1 oz/ gallon for high pressure washing

1 oz / gallon for scrubbing machine

Shelf life: 36 months in original packing

Code: G-027

Company: Lyphra-France

Postal address: P.O Box 30-43

Address: Beirut – Lebanon.

Tel: +961 3 065652

Emergency tel: +961 3 248157

Website: www.lyphra-france.com

Email: info@lyphra-france.com

Section 2: Hazards Identification

Main hazard: Mild eye irritant

Flammability: Non-flammable

Biological hazards: none

Reproduction hazards: none

Health effects (eyes): irritant

Health effects (skin): irritant at high concentrations

Health effects (inhalation): none

Health effects (ingestion): Mild irritant—discomfort in throat & mouth, local swelling & burning, nausea, diarrhea and thirst

Carcinogenicity: none

Mutagenicity: none

Neurotoxicity: none

Chemical hazard: acids and strong oxidizers

Section 3: Composition

Active ingredient: Citrimide, C.A.B.M.D.A, dimethyl carbinol and other active ingredients.

Hazardous components: none.

Section 4: First aid measures

Product on skin: Rinse area thoroughly with water then apply moisturizer

Product inhaled: Supply fresh air if exposed to mists

Product in eye: Flush eye with water. Redness may occur but should dissipate within 60 minutes. If redness persists consult a physician

Products ingested: Do not induce vomiting. Drink a glass of milk mixed with a raw egg and inform your physician .

Section 5: Fire Fighting Measures

Extinguishing media: Any available means, including dry chemical, CO², halon, water spray or alcohol foam

Exposure hazards: Avoid contact with acids & strong oxidizers. Burning can produce carbon monoxide & carbon dioxide

Advice for fire-fighters: wear full protective suit with self-contained breathing apparatus

Section 6: Accidental release methods

Personal precautions: wear protective clothing

Environmental precautions: Do not release into natural waterways in volumes in excess of 5 L

Small spill: contain spill, flush to sanitary sewer and rinse area with water.

Large spills: contain spill, flush to sanitary sewer and rinse area with large amounts of water.

Section 7: Handling and Storage

Suitable storage and\ or handling material: Any air tight container made of packaging material suitable for holding liquids

Storage and\or handling precautions: Store at +5°C to +35°C , out of reach of direct sunlight. Keep container closed when not in use. Keep out of reach of children .

Section 8: exposure controls\ personnel protection

Engineering control measures: none

Personnel protection (skin): wear protective gloves

Personnel protection(respiratory): adequate ventilation

Personnel protection(eyes): Avoid splashing

Other protection: none necessary.

Section 9: physical and chemical properties

Appearance: light liquid

Odor: characteristic odor

PH: 9-10

Melting point: not applicable

Boiling Point: 90C

Flash point: not applicable

Flammability: not flammable

Explosive properties: none

Vapor pressure: not applicable

Density: not applicable

Neurotoxicity: none

Solubility (water): complete

Solubility (solvents): soluble

Section 10: Stability and Reactivity

Conditions to avoid: Use on surfaces or equipment where it might come into direct contact with the items mentioned below

Incompatible materials: Strong oxidants, natural soaps and anionic detergents

Hazardous decomposition products: Carbon monoxide and carbon dioxide

Section 11: Toxicological Information

Acute toxicity: LD50 (oral, rat) > 6.25g/Kg

LD50 (dermal, rat) > 225g/Kg

Skin and eye contact: refer to section 3

Chronic toxicity: none

Carcinogenicity: none

Mutagenicity: no adverse mutagenic effects indicated

Reproductive hazards: no adverse reproductive effects indicated

Section 12: Ecological information

Aquatic Toxicity (Fish, Daphnia, Algae): Toxic in concentrations >0.016% of total waterway volume

Biodegradability: Yes

Bio-Accumulation: No bio-accumulation indicated

Section 13: Disposal Considerations

Disposal method: Dispose of any used, unused or expired product by diluting 1:200 and flushing down a drain which does not empty into a natural waterway

Disposal of packaging: Bottle and gallon are recyclable

Section 14: regulatory information

Specific regulations: Not applicable.

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture.

Section 15: Other information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Recommended Use: For external use only on hard surfaces