



Material Safety Data Sheet

Sanitex Powder

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

Product name: Sanitex Powder

Product Description: Bactericidal, virucidal, fungicidal hard surfaces disinfectant

Instructions for use: 5g / litre for disinfection

10 g / litre for high level disinfection of bacterial spores.

Shelf life: 36 months in original packing

Code: S-033

Company: Lyphra-France

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Section 2: Hazards Identification

Main hazard: mild eye irritant

Flammability: non-flammable

Biological hazards: none

Reproduction hazards: none

Health effects (eyes): causes irritation

Health effects (skin): non irritant.

Health effects (inhalation): may cause respiratory irritation

Health effects (ingestion): oral ingestion may result in mild gastrointestinal irritation with nausea, vomiting or diarrhea.

Carcinogenicity: none

Mutagenicity: none

Neurotoxicity: none

Chemical hazard: none

Section 3: Composition

Active ingredient: Sodium 3,5-dichloro-2, 4,6-trioxo-1,3,5-triazinan-1-ide

Hazardous components: none

Section 4: First aid measures

Product on skin: Remove contaminated clothing. Wash skin thoroughly with mild soap and plenty of water. Get medical attention at continual skin irritation.

Product inhaled: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position

Product in eye: Rinse opened eyes for several minutes under running water. If symptoms persist, consult a doctor

Products ingested: Wash mouth thoroughly with plenty of water and give water to drink. Get medical attention immediately. Never give an unconscious person anything to drink

Section 5: Fire Fighting Measures

Extinguishing media: Water in large quantities. Do not use dry chemical extinguisher containing ammonia compounds

Advice for fire-fighters: Cool containers with water spray. Fire fighters should wear full protective clothing and self-contained breathing apparatus. On small fires, use water spray or fog. On large fires, use heavy deluge or fog streams. Flooding amounts of water may be required before extinguishment can be accomplished.

Section 6: Accidental release methods

Personal precautions: Avoid contact with eyes and skin. Do not breathe dust particles. Do not eat, smoke or drink during work.

Environmental Precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water

Spills: Wipe up the spilled product and collect it in a suitable container for disposal. Always control the contaminated product on active chlorine and neutralize the PH.

Section 7: Handling and Storage

Suitable storage and/or handling material: Any air tight container made of packaging material suitable for holding powder.

Storage and/or handling precautions: Handle and open the packaging with caution. Do not take internally. Ensure good ventilation / exhaustion at the workplace. Avoid contact with skin, eyes and clothing. Avoid open fire, do not smoke. Store closed package in a dry, cool, well-ventilated area. Temperature may not expand 50°C.

Section 8: exposure controls\ personnel protection

Engineering control measures: none.

Personnel protection (skin): wear gloves that are impermeable and resistant for the product / the substance / the preparation. Use only neoprene gloves.

Personnel protection (respiratory): avoid inhalation of dust. When dusty conditions are encountered. Wear a NIOSH/OSHA full-face respirator with chlorine cartridges, for protection against chlorine gas, and dust/mist pre-filter.

Personnel protection (eyes): Use chemical safety glasses where industrial use tightly sealed chemical goggle

Other protection: Handle in accordance with good industrial hygiene and safety practice

Section 9: Physical and Chemical Properties

Appearance: white powder

Odor: mild chlorine-like

PH: 9-10

Melting point: not applicable

Boiling point: not applicable

Flash point: not applicable

Flammability: not flammable

Explosive properties: none

Vapor pressure: not available

Density: not available

Neurotoxicity: none

Decomposition Temperature: Begins to lose 1 mole water at approximately 50°C

Solubility (water): 25 g/100ml (30°C)

Solubility (solvents): insoluble

Section 10: Stability and Reactivity

Stability: Stable under normal conditions. Do not package in paper or cardboard. Begins to lose one mole of water at approximately 50° C.

Conditions to avoid: heating above decomposition temperature

Incompatible materials: Organic materials, reducing agents, nitrogen containing materials, oxidizers, acids, bases, oils, grease, sawdust, dry fire extinguishers containing monoammonium compounds

Hazardous decomposition products: nitrogen trichloride, chlorine, carbon monoxide

Section 11: Toxicological Information

Acute toxicity: Rat, oral LD50 1671 mg/kg

Rat dermal LD50 >5000 mg/kg

Skin and eye contact: refer to section 3

Chronic toxicity: Chronic inhalation exposure may cause impairment of lung function and permanent lung damage.

Carcinogenicity: none

Mutagenicity: no adverse mutagenic effects indicated

Reproductive hazards: no adverse reproductive effects indicated

Section 12: Ecological Information

Aquatic Toxicity: 96 hour LC50 fish 0,22 mg/l (rainbow trout)

0,28 mg/l (bluegill sunfish)

48 hour LC50 Daphnia Magna 0,2 mg/l

Biodegradability: Not good biodegradable. Hydrolyzes quickly to cyanuric acid in water

Bio-Accumulation: No bio-accumulation indicated. Cyanuric acid is easily soluble and very mobile in every soil.

Section 13: Disposal Considerations

Disposal method: Must not be disposed together with household garbage. Do not allow product to reach sewage system. Care must be taken to prevent environmental contamination from the use of this material.

Disposal of packaging: Disposal must be made according to legal regulations.

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 by the supplier.

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 use on hard surfaces.