

# MATERIAL SAFETY DATA SHEET

## Product and Company Identification



A Division of Superior Solutions Ltd.  
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Tel: 1-800-921-5527 [www.superiorsols.com](http://www.superiorsols.com)

## Product Name: SANY+ GLDI-500 SCENT FREE CONCENTRATED DISINFECTANT



**Codes:** GLDI-500-2S4, GLDI-500-4S4, GLDI-500-2G4, GLDI-500-4G4

**Product Use:** Consumer products / Industrial applications: Disinfectant / Fungicide (Scent free)

**24-Hr Emergency Tel:** CANUTEC (613) 996-6666 or \*666 (on a cellular phone)

## Hazardous Ingredients

Ingredients	CAS#	% wt.	LC <sub>50</sub>	LD <sub>50</sub>
Sodium Carbonate	497-19-8	1 - 3	1150 mg/m <sup>3</sup> (Inhalation, Rat, 4h)	2800-4090 mg/kg (Rat); Dermal: >2000 mg/kg (Rabbit)
Di-(C8-10)-alkyl dimethyl ammonium chloride	68424-95-3	3 - 5	0.054-0.51 mg/L (Inhalation, Rabbit)	Acute: 50-5000 mg/kg (Oral, Rat); >2000 mg/kg (Dermal, Rabbit)
Ethyl alcohol	64-17-5	1 - 3	Acute: 39000 ppm (Inhalation, Mouse, 4h)	Acute, Oral: 8300 mg/kg (Mouse), 13700 mg/kg (Rat), 9900 mg/kg (Rabbit)
Ethoxylated C12-15 alcohol (9 E.O)	68131-39-5	3 - 5	NA (Not Available)	Acute: 4150 mg/kg (Oral, Rat)

HEALTH	1	 Safety Glasses  Gloves
FLAMMABILITY	0	
REACTIVITY	0	
PERSONAL PROTECTION	B	
		0 – Insignificant 1 – Slight 2 – Moderate 3 – High 4 – Extreme

## Physical Data

**Physical State:** Liquid

**Color:** Colorless, transparent

**Odor:** Characteristic

**Odor Threshold:** The highest known value is 100 ppm (Ethyl alcohol)

**pH:** 10.70 – 11.20 (as is)

**Volatility:** NA

**Evaporation Rate:** NA

**Freezing Point:** 0°C (32°F)

**Boiling Point:** 100°C (212°F)

**Specific Gravity:** 1.01 – 1.015 (water = 1)

**Vapor Density:** >1 (air = 1)

**Vapor Tension:** NA

**Log K<sub>ow</sub>:** The product is more soluble in water.

**Ionicity (Surface Active Agent):** Cationic

**Critical Temperature:** NA

**Instability Temperature:** NA

**Conditions of Instability:** NA

**Dispersion Properties:** Refer to solubility

**Solubility:** Easily soluble in cold or hot water, methanol, diethyl ether, and acetone. Very slightly soluble in n-octanol.

## Fire and Explosion Data

**Flammability:** Non-flammable

**Auto-Ignition Temperature:** NA

**Products of Combustion:** Carbon oxides (CO, CO<sub>2</sub>)

**Flash Point:** Not applicable

**Flammable Limits:** Not applicable

**Extinguishing Media:** Not applicable

**Explosion Data – sensitivity to mechanical impact:** Not applicable

**Explosion Data – sensitivity to static discharge:** Not applicable

## Reactivity

**Stability:** Stable

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>)

**Degradability:** NA

**Products of Degradation:** Carbon oxides (CO, CO<sub>2</sub>)

**Reactivity:** NA

**Corrosivity:** May be slightly corrosive in presence of aluminum, zinc, copper. Non-corrosive to glass.

**Instability Temperature:** NA

**Conditions of Instability:** NA

## First Aid Measures

**Eyes:** Immediately flush with running water for at least 15 minutes, keeping eyelids open. Warm water must be used. If irritation persists, get medical attention.

**Skin:** Wash immediately with plenty of water. Warm water must be used. If irritation persists, seek medical attention.

**Inhalation:** Allow the victim to rest in a well-ventilated area. Maintain an open airway. Seek medical attention.

**Ingestion:** Do not induce vomiting. Have conscious person drink one or two glasses of water. NEVER give anything by mouth to an unconscious person. GIVE IMMEDIATE MEDICAL ATTENTION.

## Preventive Measures

**Small Spills and Leaks:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of according to local and regional authority requirement. Finish cleaning the spill area with running water.

**Personal Protective Equipment:** Splash goggles, lab coat, gloves

**Large Spills:** Dike spill. Do not allow spill to enter open waterways or sewers. Reclaim all material possible. Absorb remainder with inert material and place in suitable containers for disposal. Dispose of in accordance with municipal, provincial and federal regulations. Flush area with water.

**Personal Protective Equipment:** Splash goggles, full suit, boots, gloves

**Engineering Controls:** Ventilation is normally required when handling or using this product.

**Precautions:** Keep container dry. Do not ingest. Do not breathe vapor. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. May react or maybe incompatible with acids.

**Storage:** Keep container tightly closed. Keep in a cool, well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

**Handling:** Avoid contact with eyes. Avoid breathing vapors or spray mists. Avoid prolonged contact with skin. Keep container closed. After handling, always wash hands thoroughly with soap and water.

**Waste Disposal:** Waste must be disposed of in accordance with municipal, provincial and federal regulations.

**Special Shipping Information:** Make sure the container is tightly closed. Keep from freezing.

## Toxicological Information

**Routes of Entry:** Eye, Ingestion, skin

**TLV:** NA

**Toxicity to Animals:** Refer to Hazardous Ingredients  
**Acute Effects on Humans:** This product may irritate eyes and skin upon contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Harmful if swallowed.

**Chronic Effects on Humans:** NA

**Synergistic Products (Toxicologically):** NA

**Skin Irritation/Corrosivity:** This product may irritate eyes and skin upon contact.

**Sensitization:** Non-sensitizer for skin

**Carcinogenic Effects:** NA

**Toxicity to Reproductive System:** NA

**Teratogenic Effect:** NA

**Mutagenic Effect:** NA

## Regulatory Information

**TDG Road/Rail:** Not controlled under TDG (Canada)

**WHMIS:** Not controlled under WHMIS (Canada)

## Preparation Information

**Prepared By:** GreenLABS QA & Control

**Date:** August 31, 2015

**Revised:** January 25, 2016

**Tel:** 1-800-921-5527