

# MATERIAL SAFETY DATA SHEET

## Product and Company Identification



CHEMICAL SOLUTIONS

A Division of Superior Solutions Ltd.

851 Progress Court, Oakville, Ontario Canada L6L 6K1

Tel: 1-800-921-5527 [www.superiorsols.com](http://www.superiorsols.com)

## Product Name: SANY+ GLB-101 BOWL TOILET CLEANING GEL




Codes: GLB-101-1S12, GLB-101-1G12

Material Uses: Industrial applications: Urinal and toilet bowl cleaning gel; ecological

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>
Organic Salt	506-89-8	7 – 13	NA	NA
Alcohol Ethoxylate	68991-48-0	1 - 3	NA	Acute: >2000 mg/kg (Oral, Rat)

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

## Physical Data

Physical State: Thick liquid

Color: Blue, translucent

Odor: Fresh

Odor Threshold: NA

pH: 1.10 – 1.20 (as is)

Volatility: NA

Evaporation Rate: NA

Freezing Point: May start to solidify at -30°C (-22°F) based on data for organic salt

Boiling Point: The lowest known value is 100°C (212°F) (organic salt)

Specific Gravity: 1.06 – 1.07

Vapor Density: NA

Vapor Tension: NA

Log K<sub>ow</sub>: NA

Ionicity (Surface Active Agent): Non-ionic

Dispersion Properties: See solubility in water

Solubility: Easily soluble in cold or hot water

## Fire and Explosion Data

Flammability: Non-flammable

Auto-Ignition Temperature: NA

Products of Combustion: Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>)

Flash Point: Not applicable

Flammable Limits: Not applicable

Extinguishing Media: In case of fire, use water spray (fog), foam or dry chemicals.

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: Biodegradable according to guidelines of OECD 301-D, certified UL environment

Products of Degradation: Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>)

Corrosivity: Corrosive in the presence of aluminum only. Non-corrosive to skin and mild steel.

Reactivity: Incompatible with ammonia. Incompatible with chlorinated solvents and alkalis.

Instability Temperature: NA

Conditions of Instability: Incompatible with chlorine and nitrates. Oxidizing agent.

## First Aid Measures

Eyes: Causes eye burns. 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: After contact with 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.

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.

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. If necessary, **neutralize the residue with a dilute solution of sodium carbonate**. Dispose of in accordance with municipal, provincial and federal regulations. Flush area with water.

Personal Protective Equipment: Polyethylene or rubber gloves, safety glasses

Engineering Controls: No special ventilation requirements.

Precautions: Avoid contact with skin, eyes and clothing. Do not ingest.

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

Handling: Keep away from incompatible materials. Avoid contact with skin and eyes.

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. Avoid contact with oxidizing materials. Keep from freezing.

## Toxicological Information

Routes of Entry: Eye, Ingestion

TLV: NA

Toxicity to Animals: Refer to Hazardous Ingredients

Acute Effects on Humans: Very hazardous in case of ingestion. Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant). Non-corrosive to skin. Corrosive to eyes.

Chronic Effects on Humans: Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with skin.

Synergistic Products (Toxicologically): NA

Skin Irritation/Corrosivity: This product is an irritant and corrosive for eyes.

Sensitization: Non-sensitizer for skin

Carcinogenic Effects: Classified None by OSHA (organic salt)

Toxicity to Reproductive System: NA

Teratogenic Effect: NA

Mutagenic Effect: NA

## Regulatory Information

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

WHMIS: Class D-2B: Material causing other toxic effects (TOXIC)

## Preparation Information

Prepared By: GreenLABS QA & Control

Date: August 31, 2015

Revised: January 25, 2016

Tel: 1-800-921-5527

NA = Not available