

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

Product Name: SANY+ GLB-104 CLOCKWISE MOLD & MILDEW REMOVER




Codes: GLB-104-1S6, GLB-104-1G6

Material Uses: Industrial/Consumer applications: Mold and mildew remover

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

Hazardous Ingredients

Ingredients	CAS#	% wt.	LC ₅₀	LD ₅₀
Sodium Hypochlorite	7681-52-9	3.5 – 6.5	NA	3000 – 5000 mg/kg (Oral, Rat)

HEALTH	2	 Safety Glasses  Protective Apron  Gloves
FLAMMABILITY	0	
REACTIVITY	0	
PERSONAL PROTECTION	C	



Physical Data

Physical State: Clear liquid

Color: Pale yellow

Odor: Characteristic (chlorine-like)

Odor Threshold: NA

pH: 12 - 13

Evaporation Rate: NA

Freezing Point: -20°C based on data of sodium hypochlorite

Boiling Point: NA (Decomposes on heating)

Specific Gravity: 1.09

Vapor Pressure: NA

Vapor Density (air = 1): NA

Solubility in Water: Completely soluble

Fire and Explosion Data

Flammability: Non-flammable. Product can promote combustion in a fire by releasing oxygen.

Auto-Ignition Temperature: Not applicable

Flash Point: None

Upper Explosion Limit (% by vol): NA

Lower Explosion Limit (% by vol): NA

Means of Extinction: As for surrounding fire.

Special Firefighting Procedures: Firefighters should wear full protective equipment and use approved self-contained breathing apparatus. Use water spray to cool fire exposed containers to prevent pressure buildup and possible rupture. Do not spatter or splash product. Do not breathe vapours. Dike to contain water used in fighting fire. Do not allow this water into open waterways or sewers.

Hazardous Decomposition Products: Oxides of carbon and nitrogen, oxygen and chlorine gas.

Explosion Data: Product may react with "soft" metals such as aluminum, zinc, tin and galvanized metals, and produce hydrogen gas which is flammable and/or explosive in the presence of an ignition source. Brief incidental contact such as

overspray is not expected to cause an explosion hazard.

Sensitivity to mechanical impact: Not sensitive

Sensitivity to static discharge: Not sensitive

Reactivity

Stability: Chlorine content will decrease with time and temperature. Stable at room temperature.

Unstable above 40°C, sunlight and contact with metals. May develop chlorine gas if mixed with acidic solutions.

Incompatible Materials: Acids, ammonia, ether, urea, oxidisable materials, hydrogen peroxide based bleaches or detergents, metals (aluminum, tin, galvanized surfaces, nickel, copper, iron)

Conditions of Reactivity: At temperatures above 40°C, sodium hypochlorite component will decompose to produce chlorine gas.

Biodegradability: Considered biodegradable.

Hazardous Decomposition Products: Oxides of carbon, nitrogen and chlorine gas.

Hazardous Polymerization: Will not occur

First Aid Measures

Eyes: Flush eyes with abundant water for at least 20 minutes while holding eyelids open to ensure complete irrigation of the entire eye cavity. **Get immediate medical attention.**

Skin: Wash skin with soap and water for at least 20 minutes. Remove contaminated clothing. If symptoms persist, get medical attention.

Inhalation: Remove victim to fresh air. Assist breathing as needed. If symptoms persist, get medical attention.

Ingestion: Do not induce vomiting. Have conscious person drink 1 - 2 glasses of water to dilute stomach contents. NEVER give anything by mouth to an unconscious person. **Get immediate**

medical attention.

Preventive Measures

Leak and Spill Procedures: Ventilate area.

Cleanup personnel must use full protective equipment. Remove unprotected personnel away from spill area. Caution: Spill area may be slippery.

Small Spills and Leaks: Wipe up spill. Flush area with water.

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, corrosion resistant containers for disposal. Flush area with abundant water.

Personal Protective Equipment: Rubber, nitrile or neoprene vinyl gloves, chemical splash goggles, apron, rubber boots (as needed), NIOSH approved respirator (as needed)

Engineering Controls: Use in a well-ventilated area. Use general mechanical and/or local exhaust if exposure limits are exceeded. Use corrosion resistant equipment.

Storage: Store in a cool, well ventilated area away from acids. Keep container closed when not in use. Do not freeze. KEEP OUT OF REACH OF CHILDREN.

Handling: Corrosive product – handle with care. Avoid contact with skin, eyes or clothing. Avoid excessive inhalation of spray mists. Do not re-use empty containers. Remove contaminated clothing and launder before re-use. Wash hands thoroughly after use. Read and follow label instructions. Do not contaminate food, water or feed during use or storage of this product. Use in a well-ventilated area. Loosen closure cautiously before opening. Do not mix with acids. Never mix with solutions

containing ammonia.

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

Toxicological Information

Routes of Entry: Skin. Eyes. Inhalation. Ingestion

TLV: NA

Toxicity to Animals: Refer to Hazardous

Acute Effects on Humans: Sodium hypochlorite: Will cause moderate irritation to skin. Can cause irritation to eyes, severe burns and corneal damage, which may result in blindness. Mist can irritate the nose and throat. If ingested, product will cause membrane irritation and pain and inflammation to digestive tract.

Chronic Effects on Humans: Prolonged or repeated contact with product may bleach skin or cause dermatitis.

Synergistic Products (Toxicologically): NA

Irritancy of Product: Moderate skin irritant, serious eye irritant.

Sensitization to Material: Sodium hypochlorite may cause skin sensitization or other allergic responses.

Carcinogenicity: No known carcinogens listed by OSHA, IARC or NTP.

Teratogenicity: NA

Toxicologically Synergistic Products: NA

Regulatory Information

TDG Road/Rail: Not regulated for quantities 5L and below (Canada)

Shipping Label: UN 3267, Corrosive Liquid, Organic, N.O.S. (Sodium Hypochlorite), Class 8, PG III

WHMIS: Class E: Corrosive liquid

Preparation Information

Prepared By: GreenLABS QA & Control

Date: July 13, 2016

Tel: 1-800-921-5527

NA = Not available