

MATERIAL SAFETY DATA SHEET

Product and Company Identification



A Division of Superior Solutions Ltd.
851 Progress Court, Oakville, Ontario Canada L6L 6K1
Tel: 1-800-921-5527 www.superiorsols.com

Product Name: SANY+ GLR-700 SCENT FREE WINTER NEUTRALIZER



Codes: GLR-700-2S4, GLR-700-4S4, GLR-700-2G4, GLR-700-4G4

Material Uses: Industrial applications: Citric acid based cleaner and neutralizer for floors (Scent free)

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

Hazardous Ingredients

Ingredients	CAS#	% wt.	Exposure Levels	LC ₅₀	LD ₅₀
Citric Acid	77-92-9	7 – 13	OSHA TWA Total 15 mg/m ³ OSHA TWA Respirable 5 mg/m ³ ACGIH TWA Total 10 mg/m ³	NA	Oral: 3000-11700 mg/kg (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: Liquid

Color: Colorless, clear

Odor: Characteristic (mild)

Odor Threshold: NA

pH: 2.00 – 3.00 (as is)

Volatility: NA

Evaporation Rate: As water

Freezing Point: NA

Boiling Point: 100°C (212°F)

Specific Gravity: 1.038 – 1.05

Vapor Density (air = 1): As water

VOC Content (%): 0.02 (ARB 310)

Log K_{ow}: Completely water soluble

Fire and Explosion Data

Flammability: Non-flammable

Auto-Ignition Temperature: NA

Products of Combustion: Carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂) ammonia

Flash Point: None (TCC)

Extinguishing Media: As for surrounding fire.

Explosion Data: Undiluted 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: Stable when used and stored as directed

Incompatible Materials: Alkaline solutions, chlorine, “soft” metals

Conditions of Reactivity: Always add product to water: never water to product. Thermal reaction may be generated.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂), ammonia

Degradability: Biodegradable (53% after 5 days). BOD 5 day 90000 mg/L, COD 170000

First Aid Measures

Eyes: Flush eyes with abundant water for at least 15 minutes while holding eyelids open to ensure complete irrigation of the entire eye cavity. **Get medical attention.**

Skin: Wash skin with soap and water. Remove contaminated clothing. If symptoms persist, get medical attention.

Inhalation: Remove victim to fresh air. Assist breathing as needed.

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. Trained personnel may neutralize residue with soda ash or lime. Flush area with abundant water.

Personal Protective Equipment: Rubber or vinyl gloves, safety glasses

Engineering Controls: None normally required. Use with adequate ventilation if mist in air or in an enclosed space.

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: Dispose of unused product or contaminated containers as hazardous waste.

Dispose 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, Skin

Toxicity to Animals: Refer to Hazardous Ingredients

Acute Effects on Humans: Prolonged or repeated skin contact may cause irritation. Contact with broken skin irritating and painful. May cause irritation to eyes, such as stinging, burning and tearing. May cause irritation if ingested, nausea, vomiting, possible burns to mouth or mucous membranes.

Chronic Effects on Humans: None known.

Sensitization: NA

Carcinogenic Effects: Classified None by OSHA, IARC or NTP.

Toxicity to Reproductive System: No known reproductive effects.

Teratogenic Effect: SR-700 is not formulated or manufactured with any chemicals known to State of California to cause reproductive or developmental toxicity.

Mutagenic Effect: NA

Regulatory Information

TDG: Not regulated under TDG

Marine Pollutant: No

WHMIS: Class E

Preparation Information

Prepared By: GreenLABS QA & Control

Date: August 31, 2015

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Tel: 1-800-921-5527

NA = Not available