

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+ GLF-413 SPOT TREATMENT




Codes: GLF-413-710S12

Material Uses: Industrial applications: Pre-cleaning carpet stain 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 Carbonate	000497-19-8	3-5	NA	Acute: 4090 mg/kg (Oral, Rat)
Alcohol Ethoxylate	68439-46-3	5-10	NA	Acute: >2000 mg/kg (Oral, Rat)

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

Physical Data

Physical State and Appearance: Liquid (Clear sparkling liquid)

Color: Colorless

Odor: Jasmine-like

pH: 11.5 – 11.7 (as is)

Odor Threshold: NA

Volatility: 85% (v/v)

Evaporation Rate: NA

Freezing Point: 0°C (32°F)

Boiling Point: 100°C (212°F)

Specific Gravity: 1.02 to 1.05 (Water = 1)

Vapor Density: NA

Vapor Tension: NA

Log K_{ow}: NA

Ionicity (Surface Active Agent): Non-ionic

Critical Temperature: NA

Instability Temperature: NA

Conditions of Instability: oxidizing agent

Dispersion Properties: See solubility in water.

Solubility: Easily soluble in cold or hot water

Fire and Explosion Data

Flammability: Non-flammable

Auto-Ignition Temperature: Not applicable

Products of Combustion: carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂...) HYDROGEN

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

Not applicable

Reactivity

Stability: Stable

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

Hydrogen chloride, Chlorure

Degradability: Biodegradable according to OECD standards 301 -D

Products of Degradation: carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂...)

Corrosivity: Non-corrosive

Reactivity: Reacts with heavy oxidizing agent

Instability Temperature: NA

Conditions of Instability: oxidizing agent

First Aid Measures

Eye Contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open.

If irritation persists, get medical attention.

Skin Contact: After contact with skin, wash immediately with plenty of water.

Inhalation: Allow the victim to rest in a well ventilated area.

Ingestion: Induce vomiting if possible. Have conscious person drink one or two glasses of water. 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. If necessary: Neutralize the residue with a dilute solution of acetic acid. Dispose of according to local and regional authority requirement.

Personal Protective Equipment: Safety glasses, vinyl gloves

Large Spills: NA

Engineering Controls: No special ventilation requirements

Precautions: Avoid contact with skin, eyes and clothing.

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

Handling: Manipulate from incompatibles substance. Avoid contact with skin and eyes.

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Special Shipping Information: Be sure that container is tightly closed. Keep from freezing. Avoid contact with oxidizing materials.

Toxicological Information

Routes of Entry: Eye contact

TLV: NA

Toxicity to Animals: Refer to Hazardous Ingredients

Acute Effects on Humans: May cause skin and eye irritation with prolonged or repeated contact.

Chronic Effects on Humans: Prolonged or repeated contact may dry sensitive skin.

Synergistic Products (Toxicologically): NA

Skin Irritation/Corrosivity: May cause minor irritation. Can dry skin.

Carcinogenic Effects: NA

Toxicity to Reproductive System: NA

Teratogenic Effect: NA

Mutagenic Effect: NA