



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

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



Product Name: SANY+ GLD-800 LIQUID DEODORIZER

Code(s): GLD-800-4S4

Material Uses: Industrial applications: Organic odour eliminator

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

Hazardous Ingredients

Ingredients	CAS#	% wt.	LC ₅₀	LD ₅₀
Isopropyl Alcohol	67-63-0	20-30	Acute: 16970 ppm, 8 hours (Rat); 37476 mg/m ³ , 8 hours (Mouse); 66100 mg/m ³ , 8 hours (Rat)	Acute, Oral: 3600 mg/kg (Mouse); 6000 mg/kg (Rat); 6410 mg/kg (Rabbit)
Ethyl Alcohol	64-17-5	20-30	Acute: 39000 ppm, 4 hours (Mouse)	Acute, Dermal: 12800 mg/kg (Rabbit) Acute, Oral: 8300 mg/kg (Mouse); 13700 mg/kg (Rat); 9900 mg/kg (Rabbit)
Methyl Alcohol	67-56-1	3-5	Acute: 64000 ppm, 4 hours (Rat)	Acute, Oral: 6200 mg/kg (Rat); 7300 mg/kg (Mouse); 14200 mg/kg (Rabbit)
Ethoxylated C12-15 alcohol (9 E.O)	68131-39-5	1 - 3	NA	Acute, Dermal: 15800 mg/kg (Rabbit) Acute, Oral: 4150 mg/kg (Rat)

Physical Data

Physical State: Liquid (Clear to slightly hazy)
Color: Colorless
Odor: Fresh hay
pH: 6.0 – 7.0 (as is)
Odor Threshold: The highest known value is 100 ppm (Ethyl alcohol)
Volatility: NA
Evaporation Rate (n-Butyl acetate = 1): NA
Freezing Point: NA
Boiling Point: NA
Specific Gravity/Density (water = 1): 0.90 - 0.92
Vapor Density (Air = 1): NA
Vapor Tension: NA
Critical temperature: NA
Instability Temperature: NA
Conditions of Instability: NA
Ionicity (Surface Active Agent): Non-ionic
LogKow: The product is soluble in water.
Dispersion Properties: See solubility in water, methanol, diethyl ether, n-octanol.
Solubility: Easily soluble in cold water, hot water, methanol, diethyl ether. Partially soluble in n-octanol.

sparks, of heat, of oxidizing materials.
Flammable in presence of combustible materials.
Slightly flammable to flammable in presence of acids, of alkalis.
Auto-Ignition Temperature: The lowest known value is 363°C (685.4°F) (Ethyl alcohol).
Flash Point: 21°C (69.8°F) PMCC
Products of Combustion: Carbon oxides (CO, CO₂)
Flammable Limits: 6% (lower); 36.5% (upper) (Methyl alcohol)
Risks of Explosion: Risks of explosion of the product in presence of mechanical impact: NA
Risks of explosion of the product in presence of static discharge: NA
Explosive in presence of oxidizing materials, of acids, of alkalis.
Extinguishing Media: Flammable liquid, soluble or dispersed in water.
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto-ignition or explosion.

Reactivity and Stability Data

Stability: Stable

Hazardous Decomposition Products: Carbon oxides (CO, CO₂)
Degradability: NA
Products of Degradation: Carbon oxides (CO, CO₂)
Corrosivity: NA
Reactivity: Highly reactive with acids. Reactive with oxidizing agents.
Instability Temperature: NA

First Aid Measures

Eye contact: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Use TEMPERATE water. DO NOT use an eye ointment. Seek medical attention.
Skin contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Used TEMPERATE water. If irritation persists, get medical attention. Wash contaminated clothing before reusing.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Ingestion: Have conscious victim drink several glasses of water. Induce vomiting when conscious. NEVER give an unconscious person anything to ingest. Lower the head so that the vomit will not re-enter the mouth and throat.
GIVE IMMEDIATE MEDICAL ATTENTION.

Preventive Measures

Small Spill and Leak: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning the spill area with running water.
Personal Protective Equipment (Small Spills): Safety glasses Polyethylene gloves
Large Spill and Leak: Flammable liquid, soluble in water. Stop leak if without risk. Eliminate all ignition sources. Prevent entry into sewers, basements or confined areas. Absorb with an inert non-flammable material and put the spilled material in an appropriate waste disposal. Dispose of according to local and regional authority requirement
Personal Protective Equipment (Large Spills): Safety glasses; polyethylene gloves, rubber apron and boots. Wear appropriate respirator when ventilation is inadequate. Wear MSHA/NIOSH approved self-contained breathing apparatus or

equivalent if the ventilation is inadequate.

Engineering Controls: General ventilation

Precautions: Take precautionary measures against electrostatic discharges. Avoid breathing vapors or spray mists.

Storage: Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition. Keep locked up.

Handling: Avoid contact with skin and eyes. Be sure that container is tightly closed.

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.

Toxicological Information

Primary Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

TLV:

Isopropyl Alcohol

TWA: 400 (ppm) from ACGIH (TLV) [United States] [1993]

TWA: 985 (mg/m³)

CEIL: 500

CEIL: 1230 (mg/m³)

Ethyl Alcohol

TWA: 1000 (ppm) from OSHA (PEL) [United States]

TWA: 1880 (mg/m³) from NIOSH

Methyl Alcohol

TWA: 200 (ppm)

TWA: 262 (mg/m³)

STEL: 250 (ppm)

STEL: 328 (mg/m³)

Consult local authorities for acceptable exposure limits.

Toxicity to Animals: See Hazardous Ingredients

Acute Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer, Permeator), of eye contact (irritant), of ingestion, of inhalation.

Chronic Effects on Humans: The substance is toxic to central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Synergetic Products (Toxicologically): NA

Skin Irritation/Corrosivity: This product irritates eyes and skin upon contact.

Sensitization: Sensitizer for skin

Carcinogenic Effects: NA

Toxicity to Reproductive System:

Developmental Toxicity: NA

Teratogenic Effect: NA

Mutagenic Effect: NA

Regulatory Information

TDG Road/Rail: CLASS 3: Flammable liquid.

CLASS 6.1: Poisonous material.

Shipping name: FLAMMABLE LIQUIDS, TOXIC, N.O.S. (Methanol, Ethanol)

UN 1992 PG: II

Limited Quantity: 1L

WHMIS:

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F)

CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC)

CLASS D-2A: Material causing other toxic effects (VERY TOXIC)

Preparation Information

Prepared By: GreenLABS QA & Control

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Tel: 1-800-921-5527

NA = Not available