



# 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](http://www.superiorsols.com)

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



## Product Name: SANY+ GLDE-302 VEHICLE AND OUTDOOR DEGREASER

Codes: GLDE-302-4S4

Product Use: Industrial applications: Industrial stain remover

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>
Sodium hydroxide	1310-73-2	1-3	NA	NA
Tetrasodium ethylenediaminetetraacetate	64-02-8	5-10	NA	Acute: 3030 mg/kg (Oral, Rat); 5000 mg/kg (Dermal, Rabbit)
Ether de poly(oxyethylene) nonylphenol	9016-45-9	5-10	NA	Acute: 3820 mg/kg (Oral, Rat)
Ethyl alcohol	64-17-5	3-5	Acute: 31623 ppm 4 hours (Vapor, Rat)	Acute: 8300 mg/kg (Oral, Mouse); 13700 mg/kg (Oral, Rat)

## Physical Data

Physical State and Appearance: Liquid (Clear sparkling liquid)

Color: Pink (Pantone 2365)

Odor: Lavender

Odor Threshold: NA

pH: >13 (as is)

Volatility: NA

Evaporation Rate: NA

Freezing Point: NA

Boiling Point: NA

Specific Gravity: 1.01 – 1.05 (water = 1)

Vapor Density: NA

Vapor Tension: NA

Log K<sub>ow</sub>: The product is more soluble in water.

Ionicity (Surface Active Agent): NA

Critical Temperature: NA

Instability Temperature: NA

Conditions of Instability: NA

Dispersion Properties: Soluble in water

Solubility: Easily soluble in cold or hot water, methanol.

## Fire and Explosion Data

The product is: Non-flammable

Auto-Ignition Temperature: Not applicable

Products of Combustion: NA

Flash Point: Not applicable

Flammable Limits: Not applicable

Extinguishing Media: Not applicable

Flammability of the Product: NA

Explosion Data – sensitivity to mechanical

impact: Not applicable

Explosion Data – sensitivity to static discharge: Not applicable

## Reactivity

Stability: Stable

Hazardous Decomposition Products: NA

Degradability: NA

Products of Degradation: NA

Corrosivity: Corrosive in presence of aluminum, zinc, or copper.

Reactivity: Reactive with oxidizing agents, organic materials, metals, acids.

Instability Temperature: NA

Conditions of Instability: NA

## First Aid Measures

**Eye Contact:** Immediately flush with running water for at least 15 minutes, keeping eyelids open. Use mild water. If irritation persists, get medical attention.

**Skin Contact:** Wash immediately with plenty of water for at least 30 minutes while removing contaminated clothes and shoes. Use mild water. Wash clothing before reuse. If irritation persists, get medical attention.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Ingestion:** Do not induce vomiting. Have conscious person drink one or two glasses of water. NEVER give an unconscious person anything to ingest. 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.

**Personal Protective Equipment:** Impervious gloves, safety glasses

**Large Spills:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Dispose of according to local and regional authority requirements.

**Protective Clothing:** Splash goggles. Full suit. Boots. Gloves.

**Engineering Controls:** Good general ventilation should be sufficient.

**Precautions:** Do not mix with any product.

**Storage:** Keep container tightly closed. Keep in a cool, well-ventilated area.

**Handling:** Avoid breathing vapors or spray mists. Avoid contact with skin, eyes and clothing. After handling, close the container tightly.

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

**Special Shipping Information:** Be sure that container is tightly closed.

## Toxicological Information

**Routes of Entry:** Dermal contact. Eye contact. Inhalation. Ingestion.

**TLV:**

**Sodium hydroxide**

TWA: 2 (ppm)

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

TWA: 1880 (mg/m<sup>3</sup>) from NIOSH

**Methyl alcohol**

TWA: 200 (ppm)  
TWA: 262 (mg/m<sup>3</sup>)  
STEL: 250 (ppm)  
STEL: 328 (mg/m<sup>3</sup>)

Consult local authorities for acceptable exposure limits.

**Toxicity to Animals:** Refer to Hazardous Ingredients

**Acute Effects on Humans:** Very hazardous in case of ingestion. Hazardous in case of skin contact (corrosive, sensitizer, permeator), of inhalation. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

**Chronic Effects on Humans:** Hazardous in case of skin contact (corrosive, irritant, sensitizer, permeator), of eye contact (irritant), of ingestion. Hazardous in case of inhalation.

The substance is toxic to blood, kidneys, liver, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or

prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

**Synergistic Products (Toxicologically):** NA

**Skin Irritation/Corrosivity:** Hazardous in case of skin contact (corrosive), of eye contact (corrosive), of inhalation (lung corrosive).

**Sensitization:** Hazardous in case of skin contact (sensitizer).

**Carcinogenic Effects:** NA

**Toxicity to Reproductive System:** NA

**Teratogenic Effect:** NA

**Mutagenic Effect:** NA

### **Regulatory Information**

**TDG Road/Rail:** Class 8: Corrosive material

According to article 1.17 of TDG regulation, this product might be exempted for limited quantities.

**Limited Quantity:** 5L

**Shipping Name:** CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (sodium hydroxide) UN 3267  
PG: III

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

CLASS E: Corrosive liquid.

### **Preparation Information**

**Prepared By:** GreenLABS QA & Control

**Date:** May 30, 2015

**Tel:** 1-800-921-5527

NA = Not available