

MATERIAL SAFETY DATA SHEET

Product and Company Identification

GreenLABS

CHEMICAL SOLUTIONS

A Division of Superior Solutions Ltd.

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Tel: 1-800-921-5527 www.superiorsols.com

Product Name: SANY+ GLK-904 GRIDDLE CLEANER



Code: GLK-904-4S4

Material Uses: Industrial applications: Griddle cleaner and griddles

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

Hazardous Ingredients

| Ingredients | CAS# | % wt. | LC ₅₀ | LD ₅₀ |
|-------------------------------|-----------|-------|------------------|---|
| Sodium hydroxide | 1310-73-2 | 5-10 | NA | Acute: 830 mg/kg (Oral, Rat), 1350 mg/kg (Dermal, Rabbit) |
| Sodium amphocarboxylate mixed | N/D | 1-3 | NA | Acute: >10000 mg/kg (Oral, Mouse) |

| | | |
|---------------------|---|---|
| HEALTH | 2 |   |
| FLAMMABILITY | 0 | |
| REACTIVITY | 0 | |
| PERSONAL PROTECTION | B | |



Physical Data

Physical State: Liquid (Clear sparkling liquid)

Color: Colorless

Odor: Odorless

Odor Threshold: NA

pH: 13 - 14 (as is)

Volatility: NA

Evaporation Rate: NA

Freezing Point: NA

Boiling Point: NA

Specific Gravity: 1.1 – 1.3 (water = 1)

Vapor Density: NA

Vapor Tension: NA

Log K_{ow}: Soluble in water

Ionicity (Surface Active Agent): Anionic

Critical Temperature: NA

Instability Temperature: NA

Conditions of Instability: NA

Dispersion Properties: Soluble in water

Solubility: Easily soluble in cold or hot water

Fire and Explosion Data

Flammability: Non-flammable

Auto-Ignition Temperature: NA

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

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

Stability and Reactivity

Stability: Stable

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

Degradability: NA

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

Corrosivity: Highly corrosive in presence of aluminum, zinc. Corrosive in presence of steel, copper.

Reactivity: Highly reactive with oxidizing agents, organic materials, acids.

Instability Temperature: NA

Conditions of Instability: NA

First Aid Measures

Eye Contact: Corrosive to eyes. In case of contact with eyes, rinse immediately with plenty of water. Use TEMPERATE water.

SEEK IMMEDIATE MEDICAL ATTENTION.

Skin Contact: CORROSIVE. CAUSES SEVERE SKIN IRRITATION. After contact with skin, wash immediately with plenty of water. Be particularly careful to clean folds, crevices, creases and groin. 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 ingest. 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. Finish cleaning the spill area with running water.

Personal Protective Equipment: Splash goggles. Use latex gloves.

Large Spills and Leaks: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Use a water rinse for final clean-up.

Protective Clothing: Splash goggles. Use latex gloves. Rubber apron and boots. Vapor respirator.

Engineering Controls: Handle the material in a fume hood/cupboard or under local exhaust ventilation.

Precautions: Manipulate under an adequate fume hood. Avoid breathing vapors or spray mists. Avoid contact with skin and eyes. Do not mix with any product.

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

Handling: Handle and open container with care. After handling, always wash hands thoroughly with soap and water.

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

Special Shipping Information: Make sure the container is tightly closed.

Toxicological Information

Routes of Entry: Skin contact, eye contact, inhalation, ingestion

TLV: Sodium hydroxide TWA: 2 (ppm)
Consult local authorities for acceptable exposure limits.

Toxicity to Animals: Refer to Hazardous Ingredients

Acute Effects on Humans: Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (irritant, corrosive), of ingestion. Hazardous in case of inhalation (lung corrosive). 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. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Harmful if swallowed.

Chronic Effects on Humans: 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. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

Synergistic Products (Toxicologically): NA
Skin Irritation/Corrosivity: Very hazardous in case of skin contact (corrosive, irritant), of eye contact (irritant, corrosive).

Hazardous in case 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

Limited quantity: 1L

Shipping Name: CORROSIVE LIQUID, BASIC,
ORGANIC N.O S. (SODIUM HYDROXIDE) UN
3267 PG: II

WHMIS CLASS E: Corrosive liquid.

Preparation Information

Prepared By: GreenLABS QA & Control

Date: April 22, 2016

Tel: 1-800-921-5527

NA = Not available