

Gem Concentrate 44-1004 MSDS Material Data Safety Sheet

Review and update this document annual as outlined by OSHA regulations and your safety plan.

PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): GEM
CONCENTRATE LIQUID HAND SOAP
Product Class: Soap Solution
Emergency Telephone Number: 651-227-8331
Telephone Number for Information: 651-227-8331

Manufacturer's Name and Address:

Needels Supply Inc.
444 Wacouta Street
Saint Paul, MN 55101

Date Prepared 01-10-2008

SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	OSHA PEL	AGGIH	Other Comments
A	Glycerol 40 CAS# NA	NA	NA	

SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete
Appearance and Odor: Light amber color, Moderately viscous liquid

SECTION IV - FIRE FIGHTING MEASURES

Flammability: Autoignition
Temperature: ND
Flash Point (method used): >200 DEG. F
Flammable Limits: ND LEL: ND
UEL: ND
Extinguishing Media See below

Water?	Foam?	Water Fog?	Alcohol Foam?
CO2?	Dry Chemical?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None
TDG Flammability Classification:
Sensitivity to Mechanical Impact: No
Sensitivity to Static Discharge: No

SECTION V - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: Do not freeze. Store at temperatures from 40 DEG. F to 115 DEG. F.
Incompatibility (materials to avoid): Acidic compounds, oxidizers.
Hazardous Decomposition or By-products: CO, CO2 when incinerated
Hazardous Polymerization: May occur: Will not occur: X
Conditions to Avoid: NK

SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Eye irritant
Potential Health Hazards
Route(s) of Entry: Skin Absorption: X
Ingestion: X Inhalation: X
Eye: Flush eyes with water & 5% boric acid solution, if irritation persists, obtain medical aid, or flush eyes for 15 minutes with cool, running water, if irritation persists, obtain medical aid.
Skin:
Ingestion: Drink 1 or 2 glasses of water and call a physician.
Health Hazards: Eye irritant, causes gastro upset when swallowed.

Signs and Symptoms of Exposure: See health hazards.

Carcinogenicity: NTP? NO IARC Monographs? NO
OSHA Regulated? NO.

SECTION VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: All spills should be treated as quickly as possible. Provide good ventilation in spill area. **CAUTION:** Spills cause floors to become very slippery. It is recommended that an absorbent (oil dry, sawdust, etc.) be available in case a large spill (say more than 1/2 gallon) occurs. Dyking and applying such material limits spread and improves ease of removal. Apply amounts recommended by the absorbent manufacturer – this action generally makes the spill material into a semi-dry slush which can be removed from a floor using a squeegee (or floor brush) and a shovel (non sparking). Place this material in a water proof container and hold for later disposal. After spill slush is removed, mop-rinse spill area with warm water. Mop-rinse area a second time. If second mop-rinse is foamy, repeat this step. When rinse water shows only a little foam, a wet/dry vacuum may be used to fully dry treated area, put defoamer in vacuum tank as to prevent possible vacuum flooding. Put rinse water in slush container.

Precautions to be Taken in Handling and Storing: Normal care in handling and storage.

Other Precautions: Keep out of reach of children. Do not freeze. Do not mix with other chemicals. Keep from freezing, store at temperatures from 40 DEG. F to 115 DEG. F.

Waste Disposal Method: Dispose of in accordance with existing laws and regulations.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): NR

Ventilation: Local Exhaust: NR
Special: NR

Mechanical (General): Normal good ventilation sufficient
Other: NR

Protective Gloves: NR
Eye Protection: NR
Footwear: NR

Other Protective Clothing or Equipment: NR
Work/Hygienic Practices: Do not contaminate food or beverage with this or other cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212 Deg. F
7.0 +/- 0.1
Specific Gravity (H20) = 1: 1.042
Volatiles:
Vapor Density (Air = 1): NK
Evaporation Rate (Butyl Acetate = 1): ND.
Solubility in Water: Complete
Vapor Pressure (MM HG): ND
Melting Point:

HMIS Hazardous Material Identification System	
Health (Salud)	0 = Minimal Hazard (Riesgo Minimo)
Flammable (Inflamabilidad)	0 = Minimal Hazard (Riesgo Minimo)
Ractivity (Reactividad)	0 = Minimal Hazard (Riesgo Minimo)
Personal Protection	NR
MSDS Abbreviations	
NE	Not Established
ND	Not Determined
NA	Not Available
NK	Not Known
NR	Not Required

