

# Golden Touch Dish Detergent 36-1005 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): GOLDEN TOUCH DISH DETERGENT  
 Product Class: Dish Detergent  
 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	Water CAS# 7732-18-5	NE	NE	
B	Triethanola mine CAS# 102-71-6	NE	NE	
C	Dodecylbenzenesulfonic Acid CAS# 27176-87-0	NA	NA	
D	Diethanola mine CAS# 111-42-2	3ppm	3ppm	
E	Propylene Glycol CAS# 57-55-6	NE	NE	
F	Tetrasodium ethylenediaminetetraacetate CAS# 64-02-8	NE	2mg/m <sup>3</sup>	

## SECTION III PHYSICAL CHARACTERISTICS

Solubility in Water: Complete  
 Appearance and Odor: Straw Color, No odor

### SECTION IV - FIRE FIGHTING MEASURES

Flammability: NK Autoignition  
 Temperature: ND  
 Flash Point (method used): NK  
 Flammable Limits: NA LEL: ND UEL: ND  
 Extinguishing Media See Below

Water?	Foam? X	Water Fog? X	Alcohol Foam?
CO <sub>2</sub> ? X	Dry Chemical?	Vaporizing Liquid?	Other?

Special Fire Fighting Procedures: NR  
 Unusual Fire and Explosion Hazards: None Known  
 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: Keep from freezing. Store at temperatures from 40 DEG. F to 110 DEG. F.  
 Incompatibility (materials to avoid): Acids and oxidizing agents.  
 Hazardous Decomposition or By-products: CO, CO<sub>2</sub>, NOX, SO<sub>2</sub>(Very small amounts), when residue is incinerated  
 Hazardous Polymerization: May occur: Will not occur: X Conditions to Avoid:

## SECTION VI HEALTH HAZARD DATA & FIRST AID MEASURES

Primary Hazards: Direct contact with eyes causes irritation  
 Potential Health Hazards  
 Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation:  
 Eye: Flush eyes immediately with running water for at least 15 minutes. If irritation persists, see a physician.  
 Skin: Repeated contact with concentrate can cause loss of skin oils, apply skin lotion if this occurs  
 Ingestion: If swallowed, drink a glass of water and obtain medical aid  
 Health Hazards: Direct contact with eyes causes irritation.  
 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. Diking 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. Store at temperatures from 40 DEG. F to 110 DEG. F.

Other Precautions: Keep out of reach of children. Do not freeze.

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  
 pH: 6.8/7.1  
 Specific Gravity (H<sub>2</sub>O) = 1: 1.035  
 % Volatile:  
 Vapor Density (Air = 1): Essentially that of water  
 Evaporation Rate (Butyl Acetate = 1): Essentially that of water.

Solubility in Water: Complete  
 Vapor Pressure (MM HG): Essentially that of water  
 Melting Point: Liquid, except when frozen.

<b>HMIS</b> Hazardous Material Identification System	
Health (Salud)	1 = Slight Hazard (Riesgo Ligero)
Flammable (Inflamabilidad)	1 = Slight Hazard (Riesgo Ligero)
Ractivity (Reactividad)	0 = Minimal Hazard (Riesgo Minimo)
Personal Protection	NR
<b>MSDS Abbreviations</b>	
NE	Not Established
ND	Not Determined
NA	Not Available
NK	Not Known
NR	Not Required

