

## MATERIAL SAFETY AND DATA SHEET

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### SECTION 1 - PRODUCT IDENTIFICATION

#### Manual Dish Detergent

**CLEANER TYPE:** Dish Soap



### SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT:	CAS #:	PERCENTAGE:
Nonylphenol Ethoxylate	9016-45-9	
Triethanolamine Dodecyl Benzene Sulfonate	27323-41-7	
Cocoamide DEA	68603-42-9	
Sodium Laureth Sulfate	9004-82-4	
Ethanol	64-17-5	

### SECTION 3 - PHYSICAL DATA

<b>Appearance:</b> Turquoise green liquid	<b>Viscosity:</b> 3000 cps @ 25°C
<b>Odor:</b> Lemon Fragrance	<b>Evaporation Rate:</b> N/A
<b>Boiling Point:</b> N/A	<b>pH:</b> 7
<b>Solubility:</b> Complete in water	<b>Specific Gravity:</b> 8.25 lb/gal

### SECTION 4 - FIRE AND EXPLOSION DATA

**Extinguishing Media:** Water spray, dry chemical, or CO<sub>2</sub>.

**Special Fire Fighting Procedures:** Product is moderately flammable and will burn. In case of fire, clear area of unprotected personnel. Do not enter fire space without full protective gear.

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable under normal conditions.

**Incompatibilities:** May react with strong oxidizers such as chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc.

**Hazardous Decomposition Products:** None known.

**Conditions to Avoid:** Heat, incompatibilities.

### SECTION 6 - HEALTH HAZARDS

**Inhalation:** Avoid inhalation of undiluted product. May be mildly irritating.

**Eye Contact:** Can cause irritation, redness, pain, and damage.

**Skin Contact:** May cause irritation or dryness with prolonged exposure to undiluted product.

**Ingestion:** Harmful if swallowed. May cause nausea, vomiting, and irritation to mouth and throat.

### SECTION 7 - FIRST AID MEASURES

**Inhalation:** Remove to fresh air if irritation occurs.

**Eye Contact:** Flush immediately with water for 15 minutes. If irritation persists seek medical attention.

**Skin Contact:** Rinse area thoroughly with water. If irritation persists, seek medical attention.

**Ingestion:** Drink water to dilute. Do not induce vomiting. Seek immediate medical attention. Do not leave victim unattended.

### SECTION 8 - STORAGE AND HANDLING

**Handling:** Use with adequate ventilation. Wear protective equipment when handling and always wash hands thoroughly after handling. Eye wash and safety shower recommended in industrial settings. Do not ingest.

**Storage:** Keep in well closed container stored under warm conditions, 2°C to 40°C. Protect against physical damage.

### SECTION 9 - SPILL AND DISPOSAL PROCEDURES

**In case of spill:** For large spills, notify appropriate authorities. Wear all appropriate protective gear, including a respirator. Use absorbent powder to contain spill. Wash thoroughly or shower after handling and wash all clothing and protective gear before reuse.

**Disposal:** Dispose of in accordance with all applicable local, state, federal, and environmental regulations.

### SECTION 10 - PROTECTIVE EQUIPMENT



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