

# SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name:** 555  
**Date:** 07/17/2015  
**SDS #:** 1013  
**Product use:** Hand cleaner  
**Chemical class:** Mixture  
**Manufacturer:** Wayne Concept  
 5005 Speedway Drive  
 Fort Wayne, IN  
**Emergency:** Phone: (260) 482-8615 Fax: (260) 483-5598  
 INFOTRAC (800) 535-5053

## 2. Hazards Identification

**Emergency overview** Prolonged contact with skin may cause irritation. May cause irritation of respiratory tract. Moderately irritating to the eyes.  
**Signal Word** WARNING  
**GHS Classification** Serious Eye Damage/Irritation; Category 2B  
**Potential health effects**  
   **Eyes** Moderately irritating to the eyes.  
   **Skin** Prolonged exposure to this product may cause irritation to the skin.  
   **Inhalation** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
   **Ingestion** Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

## 3. Composition /Information on Ingredients

Components	CAS#	Percent
Sodium lauryl sulfate	151-21-3	3 - 7
Cocoamide DEA (Alternative CAS 68155-07-7)	68603-42-9	1 - 5
Diethanolamine	111-42-2	< 0.2
C8-10 Alkylpolyglucoside	68515-73-1	1 - 5
C10-16 Alkylpolyglucoside	110615-47-9	< 2

## 4. First Aid Measures

**First aid procedures**  
   **Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.  
   **Skin contact** For skin contact, only prolonged exposure may cause irritation. If irritation persists get medical attention. Immediately take off all contaminated clothing. Wash clothing separately before reuse.  
   **Inhalation** If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If symptoms persist, get medical attention. If breathing is difficult, give oxygen. Get medical attention immediately.  
   **Ingestion** If ingestion of a large amount does occur, seek medical attention. Do NOT induce vomiting.

## 5. Fire Fighting Measures

**Extinguishing media**  
   **Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).  
**Protection of firefighters**  
   **Protective equipment and precautions for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHAINIOSH (approved or equivalent) and full protective gear.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Wear appropriate protective equipment and clothing during clean-up.
	Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
	Large Spills: Dike far ahead of liquid spill for later disposal.

## 7. Handling and Storage

Handling	Avoid contact with eyes. Wash hands after handling.
Storage	Store in cool place. Keep in a well-ventilated place.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

ACGIH Components	Type	Value	Form
Diethanolamine (111-42-2)	TWA	1 mg/m3	Inhalable fraction and vapor.
U.S. -OSHA Components	Type	Value	Form

**Engineering controls** Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

### Personal protective equipment

<b>General</b>	Eye wash fountain are recommended.
Eye / face protection	Wear chemical goggles.
<b>Skin protection</b>	Wear suitable protective clothing.
Respiratory protection	If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.
General hygiene considerations	Eye wash fountain are recommended.

## 9. Physical & Chemical Properties

Color	Pink.
Physical state	Viscous Liquid.
<b>Odor</b>	Floral odor.
pH	8 ± 0.5
<b>Freezing point</b>	32 OF (0 °C)
Boiling point	214 °F
Flash point	None to boiling
Evaporation rate	About the same as water
Flammability limits in air, upper, %by volume	NOT DETERMINED.
Vapor pressure	Not Determined or Unknown
Vapor density	Not determined
Specific gravity	1.003 ± 0.005
Density	8.34 ± 0.05
Viscosity	Not determined

## 10. Stability & Reactivity

Chemical stability	Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong oxidizing agents Nitrous acid and other nitrosating agents
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur. Nitrogen oxides (NOx). Ammonia
<b>Possibility of hazardous reactions</b>	Will not occur.

## 11. Toxicological Information

### Sensitization

US ACGIH Threshold Limit Values: Skin designation

Diethanolamine (CAS 111-42-2)

Can be absorbed through the skin.

### Carcinogenicity

ACGIH Carcinogens

Diethanolamine (CAS 111-42-2)

A3 Confirmed animal carcinogen with unknown relevance to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Cocoamide DEA (Alternative CAS 68155-07-7) (CAS 68603-42-9)

28 Possibly carcinogenic to humans.

Diethanolamine (CAS 111-42-2)

28 Possibly carcinogenic to humans.

IARC Monographs: Evidence of carcinogenicity in humans

Diethanolamine (CAS 111-42-2)

Inadequate data.

### Acute Toxicity

C8-10 & C10-16 Alkylpolyglucoside Oral: LD50 >5,000 mg/kg body weight

## 12. Ecological Information

Ecotoxicological data

Components

Test Results

Diethanolamine (111-42-2)

EC50 Water flea (Ceriodaphnia dubia): 61.8- 86.04 mg/l 48 hours

LC50 Fathead minnow (Pimephales promelas): > 100 mg/l 96 hours

Sodium Lauryl Sulfate (151-21-3)

EC50 Water flea (Daphnia obtusa): 9.2 - 10.4 mg/l 48 hours

LC50 Carp, hawk fish (Cirrhinus mrigala): 0.59 mg/l 96 hours

Ecotoxicity

Readily biodegradable.

## 13. Disposal Considerations

Disposal Instructions

Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

## 14. Transport Information

**DOT/IMDG/IATA Hazard Classification:** Non-Hazardous, not regulated

**Hazardous:** N

**Shipping Name:** LIQUID CLEANING COMPOUNDS

**Freight Class:** 55

## 15. Regulatory Information

US federal regulations

US CERCLA Hazardous Substances: Reportable quantity

Diethanolamine (CAS 111-42-2)

100 LBS

US EPCRA (SARA Title III) Section 313- Toxic Chemical: De minimis concentration

Diethanolamine (CAS 111-42-2)

1.0%

US EPCRA (SARA Title III) Section 313- Toxic Chemical: Listed substance

Diethanolamine (CAS 111-42-2)

Listed.

Reportable Quantity

Reportable Quantity (RQ) of this product is 50,000 pounds based upon Diethanolamine (111-42-2) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ / % of that ingredient in the product.

CERCLA (Superfund) reportable quantity

Diethanolamine 100

Material name: 555

Superfund Amendments and Reauthorization Act of 1986(SARA)

Section 302 extremely hazardous substance No  
 Section 311 hazardous chemical Yes

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.:

- US- California Proposition 65- Carcinogens & Reproductive Toxicity (CRT): Listed substance  
 Cocoamide DEA (Alternative CAS 68155-07-7) (CAS 68603-42-9) Listed.  
 Diethanolamine (CAS 111-42-2) Listed.
- US- California Proposition 65- CRT: Listed date/Carcinogenic substance  
 Cocoamide DEA (Alternative CAS 68155-07-7) (CAS 68603-42-9) Listed: June 22, 2012 Carcinogenic.  
 Diethanolamine (CAS 111-42-2) Listed: June 22, 2012 Carcinogenic.
- US - New Jersey Community RTK (EHS Survey): Reportable threshold  
 Diethanolamine (CAS 111-42-2) 500 LBS
- US- New Jersey RTK- Substances: Listed substance  
 Diethanolamine (CAS 111-42-2) Substance no. 0686
- US - Pennsylvania RTK - Hazardous Substances: Listed substance  
 Diethanolamine (CAS 111-42-2) Listed.

16. Other Information

Further information HMIS® is a registered trade and service mark of the NPCA.  
 HMIS® ratings Health: 0  
 Flammability: 0  
 Physical hazard: 0  
 Personal protection: A  
 NFPA ratings Health: 0  
 Flammability: 0  
 Instability: 0

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**Issue date**

02/05/14