



Revision Date: 6-April-2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: ACW-12
Product Number: #512
Recommended Use: Cleaning agent
Uses Advised Against: For Industrial and Institutional Use Only
Manufacturer/Supplier: **Mirandy Products LLC**
1078 Grand Avenue
South Hempstead, NY 11550

Company Phone # (516) 489-6800

Emergency Phone (24 Hr) 1-800-535-5053 (North America)
Infotrac 1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

GHS Classification 2B

GHS Label Elements

Signal Word: **Warning**

Symbols: Causes Eye Irritation

Prevention: Wash hands and any exposed skin thoroughly after handling.
Wear protective gloves
Wear eye / face protection

Response:
-Eyes IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

-Skin IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage: Not Applicable

Disposal: Not Applicable

Hazards Not Otherwise Classified: Not Applicable



3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|------------------------|------------|----------|
| Surfactant Blend | Mixture | <5 |
| Coconut Diethanolamine | 68603-42-9 | < 1 |
| Diethanolamine | 111-42-2 | <0.1% |

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

- Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Skin Contact:** Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
- Note to Physicians:** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Product does not support combustion. Use extinguishing agent suitable for type of surrounding fire
- Specific Hazards Arising from the Chemical:** Dried product is capable of burning. Combustion products are toxic.
- Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
- Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
- Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.
- Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

- Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
- Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits:** None established.

Engineering Controls: Provide good general ventilation.
If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

Personal Protective Equipment

Eye/Face Protection:

Wear splash goggles.

Skin and Body Protection:

Wear rubber or other chemical-resistant gloves.

Respiratory Protection:

Not required with expected use.

If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

General Hygiene Considerations:

Wash hands and any exposed skin thoroughly after handling.

See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Appearance/Physical State: | Liquid |
| Color: | Blue Green |
| Odor: | Lemon Scent |
| pH: | Undiluted: 1-.0 +/- 1 Diluted 7.0 +/- 1 |
| Melting Point / Freezing Point: | No information available. |
| Boiling Point / Boiling Range: | 100 °C / 212 °F |
| Flash Point: | > 100 °C / > 212 °F ASTM D56 |
| Evaporation Rate: | < 1 |
| Flammability (solid, gas) | No information available. |
| Upper Flammability Limit: | No information available. |
| Lower Flammability Limit: | No information available. |
| Vapor Pressure: | No information available. |
| Vapor Density: | No information available. |
| Specific Gravity: | 1.01 |
| Solubility(ies): | Soluble in water |
| Partition Coefficient: | No information available. |
| Autoignition Temperature: | No information available. |
| Decomposition Temperature: | No information available. |
| Viscosity: | No information available. |

10. STABILITY AND REACTIVITY

Reactivity:

This material is considered to be non-reactive under normal conditions of use.

Chemical Stability:

Stable under normal conditions.

Possibility of Hazardous Reactions:

Not expected to occur with normal handling and storage.

Conditions to Avoid:

Extremes of temperature and direct sunlight.

Incompatible Materials:

Strong oxidizing agents. Strong acids.

Hazardous Decomposition

May include carbon monoxide, carbon dioxide (CO₂) and other toxic gases or vapors.

Products:

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Eyes, Skin, Ingestion, Inhalation.

Symptoms of Exposure:

-Eye Contact:

Pain, redness, swelling of the conjunctiva and blurred vision.

-Skin Contact:

Pain, redness and cracking of the skin.

-Inhalation:

Nasal discomfort and coughing.

-Ingestion:

Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product Information: Data not available or insufficient for classification.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document:

Not determined at this time

Component Acute Toxicity Information: Not available

Carcinogenicity: Diethanolamine: IARC: Group 2B: Possibly carcinogenic to humans (Diethanolamine)

COMPONENT INFORMATION:

| INGREDIENT | LD50 DERMAL | LD50 ORAL |
|----------------|---------------------|---------------|
| Diethanolamine | 12,200 mg/kg rabbit | 710 mg/kg rat |

12. ECOLOGICAL INFORMATION

Component Data

Diethanolamine: LC50 Fathead minnow: 1,460 mg/l 96 hours (Diethanolamine)

Ecotoxicity

Persistence and Degradability: No information available.

Bioaccumulation: The surfactants complies with the biodegradability criteria on detergents

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT:

Not Regulated

Proper Shipping Name:

Non-Hazardous Product

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

S.A.R.A. 313 Diethanolamine is listed under Section 313.

S.A.R.A. 302 (EHS) No components listed under Section 302

CERCLA Diethanolamine RQ: 100 lb.

T.S.C.A. All components are listed in the T.S.C.A. Inventory

California Prop 65 Diethanolamine is listed under California Prop 65 as a known carcinogen in the state of California

| 16. OTHER INFORMATION | | | | |
|-----------------------|--|--|--|--|
|-----------------------|--|--|--|--|

| | | | | |
|-----------------------|-------------------|-----------------|---------------------|--------------|
| <u>NFPA</u> | Health Hazards: 1 | Flammability: 0 | Instability: 0 | Special: N/A |
| <u>HMIS</u> | Health Hazards: 1 | Flammability: 0 | Physical Hazards: 0 | |
| Revision Date: | 06-April -2016 | | | |
| Reasons for Revision: | New | | | |

Disclaimer:

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet