

# SUNCOAST CHEMICALS, INC

## MATERIAL SAFETY DATA SHEET

### ACRONEL SS-30 CONCENTRATE

#### SECTION I. IDENTIFICATION

Product Name: Acronel SS-30 Concentrate  
Chemical Family: Alkaline odor neutralizer  
CAS Number: N/A  
Chemical Name: Amine detergent blend

#### MANUFACTURER

Suncoast Chemicals, Inc  
2902 East X Street, P.O. Box 1509,  
Deer Park, TX 77536

#### BUSINESS CONTACT

David Varley  
1-800-843-5417  
281-682-9437 (Cell)

#### 24 HR EMERGENCY CONTACT

Chemtrec: 1-800-424-9300  
Suncoast Chemicals, Inc: 1-800-843-5417  
281-554-2348

#### SECTION II. INGREDIENT INFORMATION

**COMPONENT NAME:** Diethanolamine

**CAS#:** 111-42-2

**CONCENTRATION:** 8%

**OTHERS:** 92% (proprietary\_

#### SECTION III. HAZARD IDENTIFICATION

**Emergency overview:** This material is hazardous by OSHA Hazard Communication definition

**Signal Word: Warning**

**HAZARDS:** Stay upwind of a spill. Harmful if inhaled or absorbed through skin. May be irritating to mucous Membranes, eyes and upper respiratory tract. May effect central nervous system through inhalation or ingestion. Repeated exposure may cause liver and kidney damage.

**NFPA:** 1 0 0

**HMIS:** Health = 1  
Flammability = 0  
Reactivity = 0

**Physical Liquid:** Liquid

**Color:** Green

**Odor:** Fresh detergent like

**Odor threshold:** N/A (pel=3ppm (Dow) for DEA

#### POTENTIAL HEALTH EFFECTS

**WARNING:** Contains Diethanolamine

#### ROUTES OF EXPOSURE

Inhalation, Skin, Eyes

#### SIGNS/SYMPTOMS OF ACUTE EXPOSURE

**Inhalation:** Coughing, irritation of respiratory tract, nasal discomfort

**Eye Contact:** May cause moderate to severe irritation and reddening. Corneal injury possible

**Skin absorption:** Repeated contact may cause liver or kidney damage. Possible dermatitis

**Ingestion:** Not a likely route of exposure.

Swallowing is moderately toxic due to low percentage in product of diethanolamine. May cause abdominal discomfort, nausea, dizziness drowsiness, weakness, collapse and possible coma

**Chronic, prolonged or repeated overexposure:** may cause damage to liver and kidney.

**Other effects of overexposure:** Not known

**Potential environmental effects:** see Section 12 and 15

#### SECTION IV. FIRST AID PROCEDURES

**Inhalation:** Remove to fresh air

**Eye Contact:** Flush eyes with water for 15 minutes. Do not remove contact lenses, if worn. Get immediate medical attention, preferably an ophthalmologist.

**Skin Contact:** Remove contaminated clothing. Wash with soap and water. Obtain medical attention If contact is widespread or if irritation persists. Wash clothing before reuse.

**Swallowing:** If patient is fully conscious, give two glasses of water. Induce vomiting after drinking water. This should be done only by medical or experienced first aid personnel.

**Notes to physician:** For diethanolamine, there is no specific antidote. The hazards of this material are irritation of mucosal and skin surfaces. Treatment should be for the symptoms and clinical conditions of the patient.

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#### SECTION V. FIRE FIGHTING MEASURES

**Flash Point:** Above 212° F

**Flammable limits:** N/A

**Auto ignition temp:** Not Known

**Extinguishing Media:** Foam, Co2, Water spray

**Special protective equipment for fire fighters:**

Use self contained breathing apparatus, eye protection and protective clothing.

**Unusual fire and explosion hazards:** During fire, oxides of nitrogen may be formed.

**Hazardous combustion products:** CO2 and Oxides of nitrogen may be produced along with CO

#### SECTION VI. ACCIDENTAL RELEASE MEASURES

**Steps to be taken if material is spilled or released:**

Isolate area. Keep unprotected personnel away. Contain material if possible. Collect in suitable labeled containers.

**Environmental conditions and precautions:** Prevent material from entering soil, waterways, ditches or ground water.

#### SECTION VII. HANDLING AND STORAGE

**General:** Do not get in eyes, on skin or clothing when handling. Avoid breathing vapor. Do not swallow. Wash thoroughly after handling. Use with adequate ventilation.

**Ventilation:** Adequate mechanical ventilation for storage, local ventilation may be required for areas with higher vapor concentrations.

#### SECTION VIII. EXPOSURE LIMITS

**Component:** 100% Diethanolamine ( 8% in Acornel SS-30 Concentrate)

**Exposure Limits:** 2 mg/M3 TWAB ACGIH

**Personal Protection:** Avoid breathing vapors.

Use self contained breathing apparatus in high vapor concentrations.

**Eye protection:** Use monogoggles

**Hands:** Use PVC coated gloves or protection

**Skin/body:** Use rubber coated fabric boots, trousers, jacket, hardhat when handling liquid

**Other:** Wash clothing before reuse. Eye bath, safety shower close by

#### SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid

**Color:** Green

**Odor:** Detergent like

**Vapor Pressure:** Higher than water

**Boiling Point:** 252° F

**Specific gravity:** 1.02 – 1.04

**Vapor Density:** N/A

**Evaporation Rate:** Greater than water

**pH:** 11.0 – 11.5

**Odor threshold:** N/A

**Freezing Point:** below 32° F

#### SECTION X. STABILITY AND REALITIVITY

**Stability:** Stable, Shelf life 3-4 years

**Conditions to avoid:** Strong acids, oxidizers and soft metals (i.e., zinc, aluminum) Avoid high temperatures (above 70° C). Keep from freezing. May discolor aluminum.

**Hazardous polymerization:** Will not occur  
Hazardous decomposition products: oxides of nitrogen and carbon

#### SECTION XI. TOXICOCOGICAL INFORMATION

**Name:** Acronel SS-30 Concentrate (amine detergent blend)

**Acute toxicity:** Oral: No information available

Dermal: No information available

**Irritation:** Skin: May cause dermatitis if not rinsed from skin. Repeated prolonged contact could cause liver or kidney problems

Eye: Redness, burning sensation, possible corneal damage. No permanent damage Expected with proper flush8ing and treatment

**Genotoxicity:** No data available

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#### SECTION XII. ECOLOGICAL INFORMATION

**Name:** Acronel SS-30 Concentrate (amine detergent blend)

**Ecotoxicity:** Fish: No information  
Bacteria: No information  
Degradation data: Biodegradable, no other  
For DEA 100%  
Oxygen demand: 1.53 mg/mg (calculated)

#### SECTION XIII. DISPOSAL CONSIDERATIONS

Do not dump into any sewers, ground water, or into any body of water (surface) or on ground.  
All disposal practices must be in compliance with federal, state and local laws and regulations used product mixtures are the responsibility of the waste generator as they are responsible for waste characterization and compliance. For unused pure product, deep well injection or thermal destruction practices are preferred.

#### SECTION XIV. TRANSPORTATION INFORMATION - U.S. D.O.T.

##### NON-BULK:

Proper Shipping Name: Acronel SS-30 Conc,  
Compound Cleaning Liquid  
Technical name: Blended amine complex/deodorizer  
D.O.T. regulated: No – non hazardous

##### BULK: 119 GALS OR LARGER CONTAINERS:

Proper shipping name: Other regulated substances,  
Liquid n.o.s. (Diethanolamine)  
Product Name: Acronel SS-30 Conc.  
Hazard Class: 9  
ID Number: UN3082  
Packing group: III  
Reportable Quantity: (for 100% Diethanolamine)  
100LB  
D.O.T. regulated: Yes (RQ only)

#### SECTION XV. REGULATORY INFORMATION

This product contains the following substance subject to the reporting requirements of Section 313 of Title III Sara 1986 and 40 CFR, Part 371  
Component: Diethanolamine  
CAS Number: 111-42-2

Also listed as immediate and delayed health hazard –  
Section 311, 312

All components of this product are on the TSCA inventory or are exempt from TSCA inventory under 40 CFR 720.30

#### SECTION XVI. OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product (s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

**MSDS Date:** February 15, 1997 (Revised 6/13)

**MSDS Number:** A300

**Manufacturer:** Suncoast Chemicals, Inc

**Web Site:** [www.suncoastchem.net](http://www.suncoastchem.net)