

# SUNCOAST CHEMICALS, INC

## SAFETY DATA SHEET

### ACRONEL WS-27

#### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Label Name** Acronel WS-27 Telephone: 800-843-5417  
**Supplier** Suncoast Chemicals, Inc 281-554-2348  
2902 East X Street, P.O. Box 1509 281-554-7796 Fax  
Deer Park, TX 77536  
Chemtrek 24 Hour Emergency # 800-424-9300

#### 2. COMPOSITION/INFORMATION OF INGREDIENTS

This product is to be considered as a substance in conformance to U.S. directives on hazardous substances.

**Chemical Description** Caustic/amine blend, that is a liquid odor neutralizer concentrate for acrylate esters.

##### **Composition/information on ingredients**

Number	% w/w	CAS-number	Chemical Name	Threshold limit value
1 (EC number N/A) Number	15-17%	1310-73-2	Sodium Hydroxide	2mg/m3 as mist
2 (EC number N/A)	5%	111-42-2	Diethanolamine	(P.E.L.) 3ppm (Dow)

#### 3. HAZARDS IDENTIFICATION

Risk of eye, skin and ingestion to man. May cause blindness and severe burns to skin. Ingestion may cause death.

#### 4. FIRST AID MEASURES

**Symptoms and effect** Severe tissue damage may occur from liquid contact.

##### **First aid**

**General** In all cases of doubt or when symptoms persist, seek immediate medical attention.

**Inhalation** Move to fresh air, position upright, loosen clothing. Seek medical advice.

**Skin** Remove contaminated clothing, wash with copious amounts of soap and water. Seek medical advice.

**Eye** Immediately flush eyes with plenty of water. Eyelids should be held away from eyeball to ensure thorough rinsing. Rinse for 15-30 minutes with potable water and seek immediate medical attention.

**Ingestion** Induce vomiting by drinking 2 glasses of water and sticking fingers down throat. Seek immediate medical advice.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Water spray, foam or CO<sub>2</sub>

**Unsuitable extinguishing media** Not Known

**Special exposure hazards** If involved in a fire, it may support combustion. Do not breathe fumes.

##### **Hazards decomposition/**

**Combustion products** Oxides of nitrogen and carbon may be formed.

**Protective equipment** Wear full body protective gear of neoprene or synthetic rubber including splash proof chemical goggles with no side vents and full face shield and hat.

**Other information** If material is involved in a fire, cool drums with water. If material is spilled or released, flood with large amounts of water to dilute and cool, thus allowing ingredients to remain in an aqueous solution to help prevent oxidation. Foam and CO<sub>2</sub> blanket will also be effective in preventing evaporation.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** For personal protection see section 8.

**Environmental Precautions** Collect as much as possible in a clean container for disposal. Do not empty into drains.

**Methods for cleaning up** Absorb as much as possible with absorbent material and empty into clean open head drums. Remaining material on ground (highly alkaline) may be neutralized with 5-10% solution of phosphoric acid and flushed to chemical collection area. Sawdust or universal binder may be used to absorb product. Product on ground may be diluted with water to lower pH level for safety.

#### 7. HANDLING AND STORAGE

**Handling** Store in cool, dry area. Always wear full protective gear when handling (see section 8).

**Fire and Explosion prevention** Material is non-flammable up to 100° C.

**Storage requirements** Make sure the product is stored away from acids. Store in a cool, well ventilated area, away from heat sources. Store between -10° C and +40° C. **DO NOT ALLOW TO FREEZE!** Keep container upright to prevent leakage.

**Specific uses** This product is designed to be diluted with water, then use to be apply to acrylate esters for deodorizing in vapor scrubbing, spills and cleaning operations.

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#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering controls</b>	N/A
<b>Exposure limits</b>	No exposure limit has been established. See section 2 for component levels.
<b>Personal Protection</b>	
<b>Respiratory</b>	The usual precautionary measures of handling chemicals should be observed. Provide adequate ventilation. Avoid breathing vapors. Do not breathe mist.
<b>Hand</b>	Wear suitable neoprene or synthetic rubber gloves.
<b>Eye</b>	Wear full face shield along with a chemical splash proof chemical goggles with no side vents.
<b>Skin/body</b>	Wear synthetic rubber or neoprene boots, trousers, jacket when handling liquid.
<b>Other information</b>	Launder clothing before reuse.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Liquid
<b>Color</b>	Clear to light amber
<b>Odor</b>	Slight amine
<b>Boiling point/range</b>	N/A
<b>Freezing Point</b>	Below 5° C
<b>Flash Point</b>	Non-flammable to 100° C
<b>Flammability</b>	Not determined (water based) May possibly support combustion.
<b>Autoignition temperature</b>	N/A
<b>Explosive properties</b>	Not determined
<b>Explosion limits</b>	Not Applicable
<b>Oxidizing properties</b>	Not Applicable
<b>Vapor pressure</b>	N/A
<b>Density</b>	1.19-1.22 gm/cc
<b>Bulk density</b>	Not Applicable
<b>Solubility in water</b>	Soluble
<b>Solubility in other solvents</b>	Not available
<b>pH value</b>	12.5+
<b>Partition coefficient</b>	Not determined
<b>Relative Vapor density</b>	Not determined
<b>Viscosity</b>	Not determined
<b>Active oxygen content</b>	Not available
<b>Peroxide content</b>	0
<b>Specific Conductivity</b>	Not Determined

#### **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable compound. Shelf life = 3-4 years.
<b>Conditions to avoid</b>	Contact with strong acids, non-ferrous metals (i.e., zinc, aluminum). May cause explosive gases to evolve. Avoid high temperature exposure above 70° C. Keep from freezing.
<b>Materials to avoid</b>	Long term storage in carbon steel should be avoided.
<b>Hazardous decomposition</b>	Fire may produce oxides of carbon and nitrogen. Hazardous polymerization will not occur.
<b>Products</b>	
<b>other information</b>	Not available.

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#### **11. TOXICOLOGICAL INFORMATION**

**Name** Acronel WS-27 (amine, accelerator, caustic blend in aqueous solution)  
**Acute toxicity**  
**Oral** No information available  
**Dermal** No information available  
**Irritation**  
**Skin** Causes severe burns, possible scarring.  
**Eye** Causes severe damage, possible blindness  
**Genotoxicity** Ames test: no information

#### **12. ECOLOGICAL INFORMATION**

**Name** Acronel WS-27, amine, accelerator, caustic blend in aqueous solution  
**Ecotoxicity**  
**Fish** No information  
**Bacteria** No information  
**Degradation biotic** N/A

#### **13. DISPOSAL CONSIDERATIONS**

**Product** Dispose according to local regulations. Absorb excess material with absorbent i.e., calcine clay, vermiculite.

#### **14. TRANSPORT INFORMATION**

**Land and Sea**  
**Description** Acronel WS-27  
**Hazard class** 8  
**I.D. number** UN1760  
**Packing group** II  
**Labeling** Corrosive Placards  
**Proper Shipping Name** Corrosive liquid, n.o.s., (Sodium Hydroxide)  
**Bulk:** RQ Corrosive Liquid, n.o.s. (Diethanolamine = n/a, depends on size)  
**EMS** 8-15  
**MFG: 760** Refer to Subsection 4.2  
**Air transport** Forbidden

#### **15. REGULATORY INFORMATION**

**Chemical description** Proprietary formula, caustic/amine/accelerator, water complex.

##### **NFPA Hazard Ratings**

**Health** 3 Risk of eye, skin and ingestion to man.  
May cause blindness and severe burns to skin. Ingestion may cause death.  
**Fire** 0 Will not burn  
**Reactivity/Instability** 0 Stable  
**Other information** Proprietary

##### **EEC Label**

**Symbol** C (corrosive) (Class 8)  
**Risk Phrases** Means a liquid or solid that causes full thickness destruction of human skin at the site of contact within a specified period of time.  
A liquid which has a severe corrosion rate on steel or aluminum (e.g. Sodium Hydroxide).

##### **Safety Phrases**

Store in a cool, well ventilated area. Keep container tightly closed.  
Keep away from strong acids.  
Wear suitable neoprene or synthetic rubber gloves, full face shield along with chemical splash proof goggles with no side vents. Wear synthetic rubber or neoprene boots, trousers, jacket when handling.  
Seek medical attention immediately if chemical comes in contact with skin or eyes.

**HMIS CODE: Health: 3 Flammability: 0 Reactivity: 2 PPE: J**

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#### **16. 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.

<b>MSDS Date</b>	August 18, 1997 (Revised 11/14/13)
<b>MSDS Number</b>	A-150
<b>Manufacturer</b>	Suncoast Chemicals, Inc.
<b>WEB SITE</b>	<a href="http://www.suncoastchem.net">www.suncoastchem.net</a>

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**WHMIS Classification: E, D2B**