

# SAFETY DATA SHEET



Colonial Chemical Solutions, Inc.

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** APEDX 60A  
**Control Number:** 00141  
**Product Description:**

### COMPANY IDENTIFICATION

**Supplier:** COLONIAL CHEMICAL SOLUTIONS, INC.  
916 West Lathrop Avenue  
Savannah, Georgia 31415

**24 Hour Emergency Telephone:** (800)-424-9300 CHEMTREC  
**General Information:** (912) 236-1331

## SECTION 2- HAZARDS IDENTIFICATION

### GHS Classification:

#### [ Health ]

Skin corrosion Category 1B  
Serious eye damage Category 1  
Acute toxicity, Oral Category 4

#### [ Environmental ]

Acute Aquatic Toxicity Category 3

#### [ Physical ]

Flammable liquids Category 4

### GHS Label elements, including precautionary statements

#### Pictograms



**Signal Word:** Danger

#### Hazard statement(s)

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H336 May cause drowsiness or dizziness.

#### Precautionary statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Dodecylbenzenesulphonic acid	27176-87-0	37-42
Triethanolamine	102-71-6	18-21
Sodium Sulfate	7757-82-6	01-04

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## SECTION 4 - FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** In case of contact, flush skin water removing contaminated clothing and shoes. Wash with soap and water. Seek medical attention if irritation persists.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

**Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Fire Fighting Procedures:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Unusual Fire and Explosion Hazards:** This material is not considered a hazardous material. No other data available.

## SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Contain spillage, then dilute with water and mop up, or absorb with dry earth, sand an inert dry material and place in an appropriate waste disposal container.

Prevent entry into sewers, basements or confined areas; dike if needed.

## SECTION 7 - STORAGE AND HANDLING

**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Provide adequate mechanical ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

<b>Exposure Limits:</b>	Dodecylbenzenesulphonic acid	200 ppm ACGIH	400 ppm OSHA
	Triethanolamine	Contains no substances with occupational exposure limit values	
	Sodium Sulfate	5 mg/m <sup>3</sup> ACGIH	5 mg/m <sup>3</sup> OSHA

### Personal Protective Equipment (PPE):

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

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## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** >160 °F

**Autoignition Temperature:** No available data

**Boiling Point Range:** >212°F

**Melting Point/Freezing Point:** No available data

**Vapor Pressure:** No available data

**Vapor Density (Air-1):** No available data

**Odor/Appearance:** Oily amber liquid with mild odor.

**Flammability Limits:** No available data

**Specific Gravity:** 1.02

**Volatile %:** No available data

**Evaporation Rate (Water=1):** No available data

**pH:** No available data

**Solubility in Water:** Complete

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Sulfuric acid reacts vigorously, violently or explosively with many organic and inorganic chemicals and with water.

**Conditions to Avoid:** Excess heat, exposure to moist air or water.

Note: Use great caution in mixing with water due to heat evolution that causes explosive spattering. Always add the acid to water, never the reverse.

Incompatibilities with Metals, oxidizing agents, reducing agents, bases, finely powdered metals, organic materials, and flammable liquids.

**Hazardous Decomposition Products:** Oxides of sulfur.

**Hazardous Polymerization:** Has not been reported.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** May cause redness, pain, and skin burns upon contact.

**Eyes:** May cause redness, pain, blurred vision, severe irritation, tissue damage.

**Inhalation:** Is not an expected hazard unless misted or heated to a high temperature. Mist or vapor inhalation can cause irritation to the nose, throat, and upper respiratory tract.

**Ingestion:** Harmful if swallowed. Product may cause sore throat, abdominal pain, nausea, and burns of the mouth, throat and digestive tract.

### Acute oral toxicity:

Dodecylbenzenesulphonic acid: LD50 rat: No available data

Triethanolamine: LD50 Rat: 5,530 mg/kg

Sodium Sulfate: LD50 mouse: 5,989 mg/kg

### Acute inhalation toxicity:

Dodecylbenzenesulphonic acid: LD50 rat: No available data

Triethanolamine LC50 rat: No available data

Sodium Sulfate: LC50 rat: No available data

### Acute dermal toxicity:

Dodecylbenzenesulphonic acid: LD50 rabbit: No available data

Triethanolamine: LD50 rabbit: > 22.5 g/kg

Sodium Sulfate: LD50 rabbit: No available data

## SECTION 12 - ECOLOGICAL INFORMATION

**Aquatic Toxicity:** Toxicity to fish data is not available.

**Bio-accumulative potential:** No Bioaccumulation data available.

**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.

**Mobility:** When released into the soil, this material may leach into groundwater.

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## SECTION 13 · DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 · TRANSPORTATION

### U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

**Proper Shipping Name:** Not a DOT Regulated Material  
**Hazard Class**  
**UN Number:**  
**Packaging Group:**

## SECTION 15 · REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### Comprehensive Environmental Response and Liability Act (CERCLA)

**SARA 302:** This material is not subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 1,500 pounds.

**Toxic Substance Control Act (TSCA):** All components of this product are listed on the TSCA inventory list.

#### SARA Section 311/312 (40 CFR 370) Hazard Categories:

Acute Health Hazard, Chronic Health Hazard

#### SARA Section 313 (40 CFR 372) Hazard Categories:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** This product contains Dodecylbenzenesulphonic acid a chemical listed under the CWA.

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CAA.

**California Prop 65:** This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

## SECTION 16 · OTHER INFORMATION

**MSDS Revision Date:** October 2014

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 3  
**Flammability:** 1  
**Reactivity:** 1

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.