



# Safety Data Sheet

Better Chemistry. Better Business

DEMULSIFIER CC-1

Revised: 2/10/15

## 1 IDENTIFICATION

Product Code :2601200  
Recommended use of the chemical and restrictions on use:Industrial applications

**Hubbard-Hall Inc.**  
563 South Leonard Street  
Waterbury, CT 06708  
**Telephone:** 203-756-5521  
**Fax number:** 203-756-9017

Emergency Phone Number  
**CHEMTREC:** 1 (800) 424-9300  
**International:** 1 (703) 527-3887

## 2 HAZARDS IDENTIFICATION



**Signal Word:** DANGER

**Hazard Category:** Acute Toxicity-Oral Hazard Category 4  
Skin Corrosion/Irritation Hazard Category 1C  
Specific Target Organ Toxicity (Single Exposure) Hazard Category 3  
Flammable Liquids Hazard Category 3

**Hazard Statements:** Harmful if swallowed.  
Causes severe skin burns and eye damage.  
Flammable liquid and vapor.  
May cause respiratory irritation.

**Prevention:** Do not eat, drink or smoke when using this product.  
Wash skin thoroughly after handling.  
Wear rubber gloves, goggles and chemical protective clothing.  
Avoid breathing dust, fumes, gas, mist, vapors and sprays.  
Use only outdoors or in well ventilated area.  
Keep away from heat/sparks/open flames/hot surfaces - No Smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical, ventilating, and lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.

**Response:** If swallowed: Call poison center/doctor if you feel unwell.  
If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 If inhaled: Remove person to fresh air and keep comfortable for breathing.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Immediately call poison center or doctor and explain the type of exposure to the chemical(s) and provide information on the product label.  
 Specific treatment - refer to poison center or doctor for advice.  
 Wash contaminated clothing before reuse.  
 In case of fire: Use water, foam, chemical extinguisher or carbon dioxide.

**Storage:** Store in well ventilated place. Keep container tightly closed.

Store in a well ventilated place. Keep cool.

Store locked up.

**Disposal:** Dispose of contents/container in accordance with local, regional, national, or international regulations.

### 3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Dodecylbenzene Sulfonic Acid	-	27176-87-0	<80%
Isopropanol	Isopropyl alcohol	67-63-0	<20%

### 4 FIRST AID

#### After Inhalation:

If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical attention.

Remove exposed person to fresh air and support breathing as needed.

#### After Skin Contact:

If on skin (on hair): Take off immediately all contaminated clothing. Rinse with water/safety shower. Call doctor if irritation persists.

#### After Eye Contact:

Immediately flush the eyes with large quantities of running water for 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eyelids with water. DO NOT attempt to neutralize with chemical agents. Obtain medical attention as soon as possible. Oils or ointments should not be used. Continue rinsing for an additional 15 minutes if the physician is not available.

#### After Ingestion:

If swallowed: Rinse mouth. Do NOT induce vomiting.

If swallowed: Immediately call poison center or doctor.

### Most Important Symptoms/Effects

#### Inhalation:

May cause irritation and inflammation in nose, throat and lungs.

#### Eye:

Severe eye and or skin irritation or burns.

#### Skin:

Causes severe skin burns

#### Ingestion:

Adverse symptoms may include the following: Symptoms may include severe burns of the mouth, throat and stomach. Ingestion of large quantities may cause gastrointestinal irritation, vomiting and diarrhea.

## 5 FIRE FIGHTING MEASURES

- Suitable and Unsuitable extinguishing media:** Avoid contact with water. Use foam, dry chemical or carbon dioxide.
- Special protective equipment and precautions for firefighter** In the event of a fire, wear full protective clothing and NIOSH approved self contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Structural firefighter's protective clothing is ineffective for fires involving this material Stay away from ends of tanks. Cool tanks with water spray until well after fire is out.

## 6 ACCIDENTAL RELEASE MEASURES

- Methods and Materials for containment & cleaning up:** Caution: Spilled material may be slippery.
- If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.
- Absorb the chemical onto sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal.

## 7 HANDLING AND STORAGE

- Precautions for safe handling:** Avoid breathing dust, fumes, gas, mist, vapors and sprays.
- Use in well ventilated area.
- Use only non-sparking tools.
- Wash hands thoroughly after handling.
- Wear rubber gloves, goggles and chemical protective clothing.
- Keep away from heat/sparks/open flames/hot surfaces - No Smoking.
- Conditions for safe storage, inc any incompatibilities:** Keep container tightly closed.
- Store in a well ventilated place. Keep cool .

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
Dodecylbenzene sulfonic acid	Not established		
Isopropanol	ACGIH	400 ppm	500 ppm

ACGIH - American Control of Governmental Hygenists  
OSHA - Occupational Safety and Health Administration

- Ventilation:** Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).
- Respiratory Protection:** A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.
- Other:** Safety shower in work area.
- Protective Gloves:** Rubber gloves

**Eye Protection:** Wear chemical safety goggles.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear brown liquid  
**Odor:** Mild Alcohol odor  
**Odor Threshold:** N/A  
**PH:** Below 1  
**Melting Point/Freezing Point:** N/A  
**Initial Boiling Point and Boiling Range:** N/A  
**Flash Point:** 124 °F Tag Closed Cup  
**Evaporation Rate:** N/A  
**Flammability (solid, gas):** N/A  
**Upper/Lower flammability or explosive limits:** N/A  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**Relative Density:** 1.001  
**Solubility (ies):** Complete in water  
**Partition Coefficient; n-octanol/water:** N/A  
**Auto-ignition Temperature:** N/A  
**Decomposition Temperature:** N/A  
**Viscosity:** N/A

## 10 STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions  
**Possibility of Hazardous Reactions:** Reacts violently with strong bases. Contact with metals may release flammable hydrogen gas.  
**Incompatible Materials:** Will react with alkali

## 11 TOXICOLOGICAL INFORMATION

**Oral Administration:** Dodecylbenzene Sulfonic Acid-LD50(Rat)-890 mg/kg  
**Oral Administration:** Isopropanol-LD50-(Rat)-4700-5800 mg/kg  
**Dermal administration:** Isopropanol-LD50(Rabbit)-13,000 mg/kg  
**Irritation:** Severe irritation or burns to skin, eyes and respiratory system  
**Cancer Hazard:** Not listed by IARC, NTP, OSHA, ACGIH  
**Routes of Exposure** Eyes, Skin, Inhalation, Ingestion

## 12 ECOLOGICAL INFORMATION

**Persistence and Degradability:** Will biodegrade readily  
**Biotic degradability:** No data available  
**Bioaccumulation potential:** Unlikely  
**Soil/Sediment Result:** Pronounced solubility and mobility

## 13 DISPOSAL CONSIDERATION

*Dispose of in accordance with local, state and federal regulations.*

#### 14 TRANSPORT INFORMATION

UN Number: 2924  
UN Proper Shipping Name: FLAMMABLE LIQUIDS, CORROSIVE, N.O.S.(DODECYLBENZENE SULFONIC ACID, ISOPROPANOL),  
Transport Hazard Class (es): 3, (8)  
Packing Group: III

#### 15 REGULATORY INFORMATION

HMIS: Health: 3 Flammability: 2 Reactivity: 2

Cercla Dodecylbenzene Sulfonic Acid-RQ=1000 lbs

#### 16 OTHER INFORMATION

**Disclaimer:** The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.