

**SAFETY DATA SHEET**  
**TASK™ C Anionic Surfactant Blend**



Revision Date: 2021-08-31  
Version: 1.1

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

Product Name: TASK™ C Anionic Surfactant Blend

Synonyms: TASK™, Benzenesulfonic acid

Product Form: Mixture

**Recommended use of the chemical and restrictions on use**

Recommended Use: Professional use, Industrial use. Surfactant, Remediation of Groundwater and Soil.

Restrictions on Use: Use as recommended by the label.

**Details of the supplier and of the safety data sheet**

Supplier                      Tersus Environmental, LLC  
   1116 Colonial Club Rd  
   Wake Forest, NC 27587  
   Phone: +1-919-453-5577  
   Email: [info@tersusenv.com](mailto:info@tersusenv.com)

Contact Person              David F. Alden  
   Phone: +1-919-453-5577 x2002  
   Email: [david.alden@tersusenv.com](mailto:david.alden@tersusenv.com)

**Emergency telephone number**

For leak, fire, spill or accident emergencies, call:

- +1-919-453-5577 (Tersus Office Hours, 8:00 AM to 5:00 PM Eastern)
- +1-800-424-9300 (Chemtrec 24 Hour Service – Emergency Only)
- +1-919-638-7892 Gary M. Birk (Outside office hours)

**2. HAZARD IDENTIFICATION**

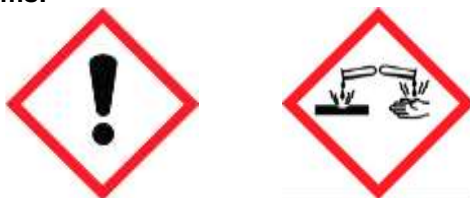
**GHS classification**

Skin irritation Category 3

Eye irritation Category 2A

Acute aquatic toxicity Category 1

Chronic aquatic toxicity Category 1

**Label element****Hazard pictograms:****Signal word** Danger**Hazard statement(s):**

H316 Causes mild skin irritation.  
 H319 Causes serious eye irritation.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement:**

P264 Wash hands thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332+P313  
 If skin irritation occurs: Get medical advice/attention.  
 P337+P313  
 If eye irritation persists: Get medical advice/attention

**Hazard(s) not otherwise classified (HNOC):**

None

**Supplemental information:**

None

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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**Chemical Formula** Mixture**Hazardous components**

Chemical Name	CAS Number	Concentration (%)
Benzenesulfonic Acid, Hexadecyl(sulfophenoxy)-, Disodium Salt	65143-89-7	35-36
Benzenesulfonic Acid, Oxybis[hexadecyl-, Disodium Salt	70191-76-3	5-10

**Nonhazardous components**

Chemical Name	CAS Number	Concentration (%)
Water	7732-18-5	56-57
Sodium sulfate	7757-82-6	0 - 2

Synonyms are provided in Section 1.

Occupational exposure limits, if available, are listed in Section 8.

#### 4. FIRST AID MEASURES

General Information	<p>Check the vital functions. If unconscious place in recovery position and seek medical advice. In case of respiratory arrest, administer artificial respiration. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Take victim to a doctor if irritation persists.</p> <p>Remove affected person from source of contamination.</p>
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses. Protect unharmed eye. If symptoms persist, call a Physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Inhalation	Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.
Ingestion	Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	<p>Symptoms/injuries after skin contact: Causes skin irritation.</p> <p>Symptoms/injuries after eye contact: Eye damage / irritation.</p>
Indication of any immediate medical attention and special treatment needed	If exposed or concerned, get medical advice and attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	Do not use water stream, as this may spread fire.

**Specific Hazards Arising from the Chemical or Mixture**

Thermal decomposition can lead to releases of irritating gases and vapors.

**Special Fire Fighting Procedures**

Use typical firefighting equipment, special tightly sealed suits. Wear self-contained breathing apparatus for firefighting if necessary. Do not inhale explosion and/or combustion gases.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, and Emergency Procedures**

Stop or contain leak at the source, if safe to do so. Ventilate area of leak or spill. Keep upwind of spill. Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke or use open fire or other sources of ignition. Contact with walking surface may result in formation of slippery film/falling hazard. Keep unnecessary personnel from entering the area.

**Environmental Precautions**

Should not be released into the environment. Do not discharge into drains, sewers, or watercourses or onto the ground. Inform the relevant authorities if this occurs.

**Methods for Containment and Clean Up**

Wipe up with absorbent material (e.g., cloth, fleece). Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Do not get in eyes or on skin or clothing. See Section 8, Exposure Control / Personal Protection. Do not breath mist or vapor. Use with adequate ventilation. Remove contaminated clothing and wash before use.

**Hygiene measures**

Do not eat, drink, or smoke when working. Wash hands before breaks and after work.

**Conditions for safe storage, including any incompatibilities**

Storage in a cool, well-ventilated area. Protect from freezing and physical damage. Keep in properly labelled tightly sealed containers.

**8. EXPOSRE CONTROL / PERSONAL PROTECTION**

**Occupational exposure controls:** Contains no substances with occupational exposure limit values.

Safe Handling:  
Additional Information

See Section 7  
To date, no national critical limit values exist.

**Exposure Control**

**Protective equipment**



<b>Appropriate engineering controls</b>	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. Do not allow uncontrolled discharge of product into the environment.
<b>Eye/face protection</b>	The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Neoprene. Rubber (natural, latex), Butyl rubber. Wear protective gloves made of the following material: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Polyvinyl chloride (PVC). Manufactured/tested in accordance with EN 374, Avoid the following conditions: Polyvinyl alcohol (PVA).
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking, and using the toilet. When using do not eat, drink, or smoke.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Boiling Point/Range</b>	100°C
<b>Vapor Pressure</b>	17.8 mm Hg @ 20 °C
<b>Volatile Weight %</b>	56 (as Water)
<b>Water Solubility</b>	Soluble in water
<b>Specific Gravity</b>	1.13
<b>pH</b>	8-10
<b>Odor</b>	Mild detergent odor
<b>Appearance</b>	Colorless to pale yellow
<b>Physical State</b>	Liquid

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Stable under normal conditions and use.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	Do not mix with strong oxidizing agents or strong acids.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Peroxides and other radical forming substances.
<b>Hazardous decomposition products</b>	None under normal use
<b>Hazardous Polymerization</b>	No information available

## 11. TOXICOLOGICAL INFORMATION

Component	LD50 Oral
Sodium sulfate	10000 mg/kg (Rat)

<b>Eyes</b>	Eye Irritation
<b>Skin</b>	Skin Irritation
<b>Ingestion</b>	Unknown
<b>Inhalation</b>	Unknown
<b>Chronic Toxicity</b>	No information available
<b>Carcinogenicity</b>	Product is not listed.
<b>Hazard Type</b>	Skin/Eye Irritant.

## 12. ECOLOGICAL INFORMATION

The data below is for individual components. There is no ecological information available for the final product mixture.

Component	Freshwater Algae	Freshwater	Fish Microtox	Water Flea
Benzenesulfonic acid, hexadecyl(sulfophenoxy)-, disodium salt	EC50 = 42 mg/L 72 h EC50 = 100 mg/L 72 h	LC50 = 0.42 mg/L 96 h LC50 = 0.86 mg/L 96 h	-	EC50 = 6.95 mg/L 48 h
Sodium sulfate	-	-	-	EC50 = 2564 mg/L 48 h EC50 = 4547 mg/L 96 h

**Ecotoxicity effects:** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Chemical Fate Information

Product is readily biodegradable in wastewater treatment systems.

## 13. DISPOSAL CONSIDERATIONS

### **Waste Disposal Methods**

Dispose according to federal, state, and local laws. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Authority. Waste is suitable for incineration.

## 14. TRANSPORTATION INFORMATION

### **U.S. (D.O.T.)**

**Proper shipping name:** Environmentally hazardous substances, liquid, n.o.s. (mono-and-dihexadecyl disulfonated diphenyl oxide, disodium salt), Marine Pollutant

**Hazard class** 9

**UN-No** UN3082

**Packing Group** III

**Description:** UN3082, Environmentally hazardous substances, liquid, n.o.s. (mono-and-dihexadecyl disulfonated diphenyl oxide, disodium salt), 9, III, Marine Pollutant

**15. REGULATORY INFORMATION****Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any HAPs.

**16. OTHER INFORMATION**

**Disclaimer:** The information contained in this Safety Data Sheet (SDS), as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty, express or implied, or guarantee. Tersus Environmental, LLC urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. Since we cannot control the application, use or processing of the product, we do not accept responsibility. Therefore, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product and assure that the intended use of the product will not infringe in any party's intellectual property right. The information presented here pertains only to the product as shipped.

All recommendations for the use of our products, whether given by us, orally or to be implied from data or lab tests results by us, are based on the current state of our knowledge at the time those recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding, such recommendation the user is responsible that the product as supplied by us is suitable to the process or purpose he/she intends to use it.

Due to the proliferation of sources for information such as manufacturer specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.



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**End of Safety Data Sheet**