

Appearance: White to yellow liquid
 Physical State: Liquid, viscous
 Odor: Mild

Precautionary Statements – Prevention

Wash hands and skin thoroughly after handling.
 Wear eye protection/face protection.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Immediately call medical professional for medical advice.

Other Hazards None identified

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Benzenesulfonic Acid, Mono-C10-16-alkyl Derivatives, Sodium salt	68081-81-2	5-10 %	None	Surfactant
Sodium Sulfate	7757-82-6	0.1-0.5 %	None	None
2-Ethyl Hexanol EO-PO Nonionic Surfactant	64366-70-7	5-15 %	None	Surfactant
All other ingredients are below reportable amounts				

SECTION 4. FIRST-AID MEASURES

Inhalation Remove person from source of exposure and get medical attention for any breathing difficulty.

Skin Contact If irritation develops: Flush with water for 5 minutes. Get medical advice if irritation persists.

Eye Contact In case of eye contact, flush with water and get medical attention if needed. (see precautionary statements)

Ingestion DO NOT induce vomiting. Rinse mouth with water. Get immediate medical if not feeling well.

Most Important Symptoms and Effects, Acute and Delayed May cause eye irritation

Immediate Medical Attention and Special Treatment If exposed and feeling unwell or are concerned, seek medical attention.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing Media:**

Suitable Extinguishing Media	Use water, water fog, dry chemical powder, alcohol-resistant foam, or carbon dioxide. Water spray is acceptable, but DO NOT use heavy or strong water steam, which may spread flames.
Unsuitable Extinguishing Media	None known

Specific Hazards Arising from the Product Nature of decomposition products not known.

Special Protective Equipment and Precautions for Fire-Fighters Exercise caution when fighting any chemical fire.
Wear self-contained breathing apparatus for firefighting if necessary.
In case of major fire, evacuate area, fight fire remotely.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures Avoid breathing vapors, mist, or gas.
For personal protections see Section 8.

Methods for Containment and Cleaning Up Contain Spillage.
Place in container for disposal according to local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid inhalation of vapor or mist.
Wear proper personal protective equipment.

Conditions for Safe Storage Store in original container.
Keep Container tightly closed in a cool, dry, and well-ventilated area.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control Parameters**

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Benzenesulfonic Acid, Mono-C10-16-alkyl Derivatives, Sodium salt	No exposure limits noted for ingredient			
Sodium Sulfate	No exposure limits noted for ingredient			
2-Ethyl Hexanol EO-PO Nonionic Surfactant	No exposure limits noted for ingredient			

Notes:

Appropriate Engineering Controls	Emergency eye wash and shower stations should be near any potential exposure hazard. Ensure all national/state regulations are observed.
Individual Protection Measures	Apparel: Gloves, and goggles, or face shields should be worn when handling bulk product.
Eye/Face Protection	Wear chemically resistant goggles or face shields.
Skin Protection	Use appropriate protective clothing, (i.e. chemically resistant materials and fabrics).
Respiratory Protection	Wear approved respiratory protection when necessary. (i.e. exposure limits are exceeded or unknown, when ventilation is inadequate).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	Mild
Odor Threshold	No data available
pH	9.5 approx.
Melting Point and Freezing Point	No data available
Initial Boiling Point and Boiling Range	No data available
Flash Point	>200°F
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper and Lower Flammability or Explosive Limit	No data available
Vapor Pressure	No data available
Vapor Density (air = 1)	No data available
Relative Density (water = 1)	No data available
Solubility in Water	No data available

Solubility in Other Liquids	No data available
Partition Coefficient, n-Octanol / Water (Log Kow)	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Not reactive in normal or expected conditions
Chemical Stability	Stable under recommended conditions
Possibility of Hazardous Reactions	No known reactions
Conditions to Avoid	No known conditions
Incompatible Materials	None known
Hazardous Decomposition Products	Carbon dioxide and carbon monoxide are common during rapid decomposition or burning.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Skin contact
Eye contact
Ingestion

Acute Toxicity: Has not been determined for this product.

Skin Corrosion / Irritation	No information available
Serious Eye Damage / Irritation	Causes severe eye damage and irritation
STOT (Specific Target Organ Toxicity) - Single Exposure	No information available

**Aspiration Hazard
STOT (Specific Target Organ
Toxicity) - Repeated Exposure** Not an aspiration hazard

**Respiratory and/or Skin
Sensitization** No information available

Carcinogenicity

**Reproductive Toxicity:
Development of Offspring** No information available

Sexual Function and Fertility No information available

Effects on or via Lactation No information available

Germ Cell Mutagenicity No information available

Interactive Effects No information available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity No information available

**Persistence and
Degradability** No information available

**Bio accumulative
Potential** No information available

Mobility in Soil No information available

**Other Adverse
Effects** No information available

Chemical Name	CAS No.	Toxicity	Literature Value	Bio accumulative Potential
Benzenesulfonic acid, mono-C20-16-alkyl Derivs., Sodium salts	68081-81-2	Algae EC50	29 mg/L 96 hrs	No
Benzenesulfonic acid, mono-C20-16-alkyl Derivs.,	68081-81-2	Daphnia EC50	2.9mg/L, 48 hrs	No

Sodium salts				
Benzenesulfonic acid, mono-C20-16-alkyl Derivs., Sodium salts	68081-81-2	Bluegill LC50	1.67 mg/L, 96 hrs	No
Sodium Sulfate	7757-82-6	Daphnia LC50	1766 mg/L, 48 hrs	No
Sodium Sulfate	7757-82-6	Flathead Minnow LC50	7960 mg/kg, 96 hrs	No

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods Dispose of contents and containers in accordance with federal, state, and local statutes.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
This material is not regulated for transportation by DOT, IMDG, IATA, Canadian TDG					

Special Precautions None known

Environmental Hazards Do not release into the environment.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15. REGULATORY INFORMATION

Chemical Name	CAS No.	Jurisdiction	Regulation
Sodium Sulfate	7757-82-6	Massachusetts	Right to Know
		Pennsylvania	Right to Know
2-Ethyl Hexanol EO-PO Nonionic Surfactant	64366-70-7	SARA 311/312	Immediate (acute) health hazard

California Proposition 65: This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

All materials comply with the following inventories:

TSCA
DSL/NDLS
EINECS/ELINCS
ENCS
IECSC
KECL
PICCS
AICS

SECTION 16. OTHER INFORMATION

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