



MATERIAL SAFETY DATA SHEET

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SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME: NAXSOFT® 60T
CHEMICAL NAME: Benzenesulfonic acid, C₁₀₋₁₆-alkyl derivs.,
compds. with triethanolamine
CAS NUMBER: 68584-25-8
PRODUCT CODE: 3106
MSDS NO.: 1-12104

ISSUE DATE: 07/13/05
SUPERSEDES: 12/12/02

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS REGISTRY NO.</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Benzenesulfonic acid, C ₁₀₋₁₆ -alkyl derivs., compds. with triethanolamine	68584-25-8	55 - 60	None established
Triethanolamine sulfate	7376-31-0	< 5	None established
Water	7732-18-5	40 - 45	None established

SECTION 3 - HAZARD IDENTIFICATION

Appearance & Odor: Clear yellow liquid. Faint oily odor.

Primary Routes of Exposure: Skin and Eyes

Health Hazard Warnings: CAUTION! Can cause eye and skin irritation. Prolonged skin contact may cause more moderate irritation and discomfort, seen as local redness and swelling.

Inhalation: Prolonged or repeated overexposure to mists may cause irritation to the upper respiratory tract.

Skin Contact: May cause slight irritation. Prolonged overexposure to liquid may cause more moderate irritation and discomfort, seen as local redness and swelling.

Eye Contact: Contact with eyes can cause irritation as marked by excess redness and swelling.

Ingestion: May cause gastrointestinal irritation and discomfort in the form of nausea and diarrhea.

SECTION 4 - FIRST AID MEASURES

Eyes: Immediately flush eyes with water for 10-15 minutes. Hold eyelids apart and roll eyes up and down to assure complete washing. Seek medical attention if irritation persists.

Skin: Thoroughly flush the affected area with plenty of water for at least 15 minutes. Remove contaminated clothing and equipment.

Inhalation: Immediately move the patient to fresh air and call a physician. If breathing is difficult, give oxygen. If not breathing, begin artificial respiration.

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SECTION 4 - FIRST AID MEASURES (CONT.)

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Other Specific Instructions: In the event of exposure, seek medical attention immediately. Do not give chemical antidotes unless directed to do so by the physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: > 250 °F

Auto Ignition: No data available

Explosive Limits; UEL/LEL: No data available

Extinguishing Agents: Use water spray, dry chemical, carbon dioxide, or foam extinguishing agents.

Fire & Explosion Hazards: As in any fire prevent human exposure to fire, smoke, fumes or products of combustion. Firefighters should wear recommended exposure control equipment including a self-contained breathing apparatus. Cool containers with water that are exposed to flames.

Hazardous Combustion Products: Thermal decomposition produces oxides of carbon and nitrogen.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment: Appropriate protective equipment must be worn when handling a spill of **NAXSOFT® 60T**. See Section 8 - Exposure Control, for recommendations.

Spill or Leak Information: Absorb spill material with an inert material (i.e. vermiculite, soil, etc.). Sweep or scoop material into a container for disposal. Flush spill area with plenty of water to a chemical sewer. Collect water for proper disposal.

SECTION 7 - HANDLING AND STORAGE

Handling Conditions: Emptied container may retain product residues. Follow all warnings and precautions even after container is emptied.

Storage Conditions: Keep container tightly closed when not in use. Prevent material from freezing, store above 32 °F. Stainless steel, lined steel or fiberglass reinforced plastic tanks should be used for bulk storage.

SECTION 8 - EXPOSURE CONTROL

Eye Protection: Use safety glasses. Chemical goggles should be used if splashing may occur.

Skin Protection: Skin contact with material should be minimized through the use of suitable impervious gloves. Nitrile or PVC-coated gloves are recommended.

Respiratory Protection: Not required under normal use. If use conditions warrant respirator use, wear the appropriate NIOSH approved air purifying particulate respirator for the concentrations at the point of use.

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SECTION 8 - EXPOSURE CONTROL (CONT.)

Ventilation: Good general ventilation in addition to local exhaust ventilation should be provided.

Other Protective Equipment: Safety showers and eye wash stations where material is being handled. Wash hands and face before eating, using tobacco products or using the washroom. Smoke or eat only in designated areas. Take a warm shower and change clothing daily. Clothing and shoes used while handling this material should not be worn or taken away from the workplace.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear yellow liquid

Odor: Faint oily odor

Melting Point: No data available

Boiling Point: No data available

Evaporation Rate (butyl acetate=1): < 1

pH: 5 - 8

Vapor Pressure: No data available

Vapor Density (Air=1): No data available

Specific Gravity/Density: 9.0 lbs/gallon @ 25 °F

Solubility in Water: Soluble

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling.

Incompatibility: Avoid strong oxidizers.

Polymerization: Not expected to occur.

Decomposition: When heated to decomposition, will emit toxic oxides of carbon and nitrogen.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Data: The information shown in Section 3 - Hazard Identification, is based on toxicity profiles of components present in this material.

Triethanolamine dodecylbenzenesulfonate: Oral LD₅₀ (rat): 1300 mg/kg

Sensitization: No information available.

Carcinogenicity/Mutagenicity: Material is not known to be a human or animal carcinogen.

Teratogenicity/Reproductive Toxicity: Material is not known to cause teratogenicity or reproductive toxicity.

SECTION 12 - ECOLOGICAL INFORMATION

Ecological Toxicity: The ecological toxicity of this product is not known. The material should be considered toxic to fish.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: This product if discarded as supplied, is considered non-hazardous as defined by RCRA. Dispose of in accordance with local, state and federal regulations.

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SECTION 14 - TRANSPORT CONSIDERATIONS

Shipping Description: Non-Regulated in containers less than 5,500 lbs.

Bulk Containers: RQ, Environmentally hazardous substances, liquid, n.o.s.
(Triethanolamine dodecylbenzene sulfonate)

Hazard Class: 9

ID No.: UN3082

PG: III

Labels: Class 9

SECTION 15 - REGULATORY CONSIDERATIONS

OSHA Regulatory Status: The product is a hazardous chemical under 29 CFR 1910.1200.

SARA Title III

Section 311/312: This product is categorized as an immediate health hazard according to EPA under Section 311/312 of SARA.

Section 313: This product contains the following chemicals subject to 313 reporting:

None above De Minimis limit

CERCLA

Triethanolamine dodecylbenzene sulfonate 27323-41-7 (concentration: 18 %)

Pennsylvania Right-to-Know:

Triethanolamine dodecylbenzene sulfonate 27323-41-7; Environmental

California Proposition 65:

Not applicable

Chemical Control Law Status:

The components of this product are in compliance with the inventory listing requirements of the Chemical Control Laws in the following countries: United States of America, Canada (DSL), Europe, Australia, Korea

WHMIS Ingredient Disclosure List:

Not applicable

HMIS Health Rating: 2

HMIS Fire Rating: 0

HMIS Reactivity Rating: 0

HMIS Other: NA

SECTION 16 - OTHER CONSIDERATIONS

Prepared by Regulatory Staff Phone No.: (814) 238-2424

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Emergency Phone No.: CHEMTREC 800-424-9300

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