



SENTRY INDUSTRIES INC.

SAFETY DATA SHEET

SECTION 1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Sta-Clear Tile Soap, Tile Soap, Nonylphenol Polyethylene Glycol Ether
 Product: Detergent
 Chemical Family: Nonionic Surfactant
 Manufacture: Brenntag Mid-South, Inc.
 Distributor: Sentry Industries Inc. 5687 NW 36th Ave. Miami, Fl. 33142
 Telephone: (800) 227-2047, (305) 638-0800, (954) 527-4000

SECTION 2 HAZARDS IDENTIFICATION

EFFECTS OF OVER EXPOSURE:

INHALATION: Mist may cause irritation to respiratory tract, experienced as nasal discomfort and discharge, with chest pain and coughing. Aerosol can be hazardous if inhaled.

EYS CONTACT: causes severe irritation, experienced as discomfort pain, excess blinking and tear production, marked excess redness and swelling of the conjunctiva and chemical burns of the eye.

SKIN CONTACT: Prolonged or repeated contact may cause irritation and/or dermatitis. Prolonged or widespread exposure may result in the absorption of potentially harmful amounts of material. Studies involving the sustained occluded contact of undiluted material with rabbit skin indicate conditions may result in the development of inflammatory changes to the lung.

INGESTION: May cause nausea, abdominal discomfort, vomiting and diarrhea. Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

PRIMARY ROUTES OF ENTRY: Inhalation and skin contact.

CHEMICALS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NTP/No IARC/No OSHA/No

SECTION 3 COMPOSITION & INGREDIENTS

CAS Number	Chemical Name	Wt %	Threshold Limit Values			
			OSHA		ACIH	
			PEL	STEL	TLV	STEL
	Formula: C ₃₃ H ₆₀ O ₁₀					
127087-87-0	**poly (oxy-1, 2-ethanediyl), alpha- (4-nonylphenyl)-omega-hydroxy	> 97	-None Established-			
25322-68-3	Polyethylene glycol	< 3	-None Established-			
9014-93-1	Dinonylphenol polyoxyethylene	< 2	-None Established-			

**This product contains chemicals subject to reporting requirements of Section 313, Title III of SARA, Part 372.
 Glycol ether (CAS #: Not applicable) 1.00 to 2.99 by weight.

SECTION 4 FIRST AID

EYES: Immediately flush eyes with water for at least 15 minutes. Get medical attention preferably from an ophthalmologist.

SKIN: Wash affected areas with large amounts of soap and water. If irritation persists consult a physician. Clean clothing before reuse.

INGESTION: If patient is fully conscious, give two glasses of water. Do not induce vomiting. Call a physician.

INHALATION: Remove to fresh air. If breathing has stopped artificial respiration should be started. Oxygen may be administered if available. Call physician. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point: None to Boiling

Flammable Limits: N/A

Extinguishing Media: Product is non-combustible. Water Spray Fog, Dry Chemical, CO2 or Foam may be used.

Special Fire Fighting Procedures: Firefighters should wear, self-contained breathing apparatus and full protective clothing. Do not direct solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity.

Unusual Fire and Explosion Hazards: Avoid accumulation of water. Product may be carried across water surface spreading fire or contacting an ignition source.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spills with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to suitable containers for recovery or disposal. To avoid gelling and foaming problems, do not use water to flush away spills. Material is highly toxic to fish. Avoid discharge to natural waters.

SECTION 7 HANDLING AND STORAGE

Precautions to be taken in Handling and Storage: Handle all containers carefully. Store in cool dry area out of direct sunlight. Use with adequate ventilation.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respirator Protection: Atmospheric levels should be maintained below exposure guideline. When airborne exposure guidelines and/or comfort level may be exceeded, use approved air-purifying respirator. For emergency response for situations where atmospheric level is unknown, use an approved positive pressure self contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply.

Protective Gloves: Polyvinyl chloride coated

Eye Protection: Safety glasses / Mono-goggles

Other Protective Clothing: Normal work clothing covering arms and legs to prevent repeated or prolonged contact. Safety shower. Eye wash. Rubber apron

Ventilation Requirements: Local exhaust ventilation to control airborne levels below the exposure guidelines.

SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid

Appearance and Odor: Clear to slightly hazy liquid with mild chemical odor

Spec Gravity (H₂O = 1): 1.057

Boiling Point: >482° F

pH: N/A

Vapor Pressure (mm Hg): 1.0 @ 68° F

Vapor Density: >1.0

Solubility in Water: Complete

Evaporation Rate: Slower than water

SECTION 10 STABILITY & REACTIVITY

Stability: Stable.

Incompatibility (Materials to Avoid): Normally un-reactive; however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents, and materials reactive with hydroxyl compounds.

Hazardous Decomposition Products: Burning may produce carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity Peroral: Rat; female; LD50 = 2.83 (1.77 – 4.53) ml/kg. Rat; male; LD50 = 2.33 (1.67 – 3.25) ml/kg. Percutaneous: Rabbit; LD50 = 2.83 (1.75 – 4.57) ml/kg; 24 hr occluded. Major signs: none. Gross pathology: necrosis and scabbing at application site, lungs, kidneys and intestines discolored.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity to Micro-organisms: Bacteria/NA; IC50 result value: >5000ng/l

Toxicity to Aquatic Invertebrates: Daphnia: 48h; LC50 result value: 21.3 (16.7 – 27.5) mg/l.

96h; LC50 result value: 6.6 mg/l

Theoretical Oxygen Demand (THOD) – Measured; 2.09 mg/mg.

Chemical Oxygen Demand (COD) – measured; 2.23 mg/mg calculated 2.09 mg/mg

Appropriate treatment of effluents will reduce levels of nonylphenol ethoxylate (NPE) residues to concentrations that should not pose any Harm to the environment, including protection for weak estrogen-mimetic activity observed for some degradation intermediates.

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not dump into any sewers, on the ground or into any body of water. Disposal is to be in accordance with Federal, State and Local regulations and to be at an approved hazardous waste management facility. Incinerate in a furnace where approved.

SECTION 14 TRANSPORTATION INFORMATION

Not regulated in less than 119 gallons.

DOT Proper Shipping Name: Environmentally hazardous substances liquid, n.o.s. (Contains alcohol C13 – C15 poly (1 -6) ethoxylate)

DOT Hazard Class: 9

DOT Identification #: UN3082

Packing Group: III

SECTION 15 REGULATORY INFORMATION

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

SARA TITLE III: HAZARD CLASSIFICATIONS: Acute: Y, Chronic: Y, Fire: N, Pressure: N, Reactivity: N

NAME	CAS/313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(R) TQ
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

SECTION 16 OTHER INFORMATION

4/14/08 Revise formatting to GHS standards.

6/7/07 Previous revision and updating

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

The data in this Material Data Sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control, it should not be taken as a warranty or representation for which Sentry Industries assume legal responsibility. This information is provided solely for your consideration, investigation, and verification. For additional information, contact our technical service department.