

Safety Data Sheet

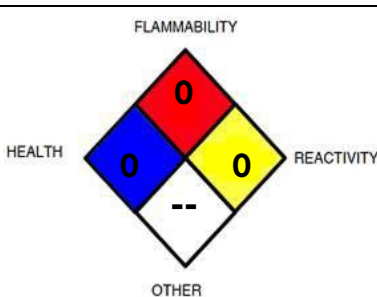
Section 1: Product & Company Identification

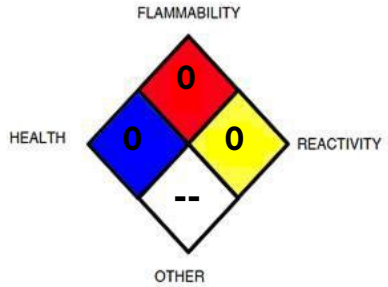
Product Name:	NDSB-256
Product #:	D-1121
Synonyms:	Non-detergent sulfobetaine 256; SB256; Dimethylbenzylammonium-1-propane sulfonate; Dimethylbenzyl-(3-sulfopropyl)ammonium inner salt; N,N-Dimethyl-N-(3-sulfopropyl)benzenemethanaminium inner salt; 3-(Benzyldimethylammonio)propanesulfonate
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS#	EC #	% Composition
3-(Benzyldimethylammonio)propanesulfonate	81239-45-4	-	>99

Section 3: Hazards Identification

Symbols	N/A
HMIS Classification	<p style="text-align: center;">FLAMMABILITY</p>  <p style="text-align: center;">HEALTH REACTIVITY</p> <p style="text-align: center;">OTHER</p>

NFPA Classification	 <p>The diagram is a diamond-shaped hazard diamond. The top vertex is red and labeled 'FLAMMABILITY' with a '0' inside. The left vertex is blue and labeled 'HEALTH' with a '0' inside. The right vertex is yellow and labeled 'REACTIVITY' with a '0' inside. The bottom vertex is white and labeled 'OTHER' with '--' inside.</p>
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Section 4: First Aid Measures

General Overview:	No special precautions required.
Inhalation:	Move to fresh air. Get medical attention immediately if symptoms occur. If not breathing, give artificial respiration.
Skin:	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Obtain medical attention. See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures

Flammability of the product:	No data available
Extinguishing Media:	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Hazardous thermal (de)composition products:	Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Sulfur oxides
Special Fire Fighting Procedures:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Flash Point:	No data available





Section 6: Accidental Release Measures

Personal Precautions:	Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation.
Environmental Precautions:	Should not be released into the environment. See Section 12 for additional ecological information.
Methods for Clean-up:	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

SECTION 7: Handling & Storage

Storage:	Keep containers tightly closed in a dry, cool, and well-ventilated place. Store at room temperature.
Handling:	Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes, and clothing. Avoid ingestion and inhalation. Avoid dust formation.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>No protective equipment is needed under normal use conditions. Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.</p>
Skin and Body:	  <p>Protective gloves. Wear appropriate protective gloves and clothing to prevent skin exposure.</p>
Eyes:	 <p>Safety glasses with side-shields (European standard - EN 166)</p>

Ventilation/Engineering Measures:	Maintain adequate ventilation.
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

SECTION 9: Physical and Chemical Properties

Appearance & Odor:	White solid
Formula	C ₁₂ H ₁₉ NO ₃ S
Molecular Wt.	257.35
Melting Pt.	245 - 250°C
Boiling Pt.	No data available
Density:	No data available
Vapor Pressure:	No data available
Evaporation Rate:	No data available
Vapor Density:	No data available
Solubility:	Water
Flash Point:	No data available
Autoignition Temp:	No data available

SECTION 10: Stability and Reactivity

Stability:	Stable under normal conditions
Hazardous decomposition products:	Carbon monoxide (CO), carbon dioxide (CO ₂), nitrogen oxides (NO _x), sulfur oxides
Materials to Avoid:	Strong oxidizing agents
Conditions to avoid:	Incompatible products. Excess heat. Avoid dust formation.

SECTION 11: Toxicological Information

RTECS#:	N/A
ACUTE Toxicity:	N/A
CHRONIC Toxicity:	N/A
Chronic Exposure: Carcinogen: Mutagen: Teratogen: Reproductive:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC. AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH.

	<p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA.</p> <p>EPA: No classification on carcinogenic data is available from EPA</p>
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SECTION 12: Ecological Information

Ecotoxicity:	Do not empty into drains.
Mobility:	The product is water soluble and may spread in water systems Will likely be mobile in the environment due to its water solubility. Highly mobile in soils.
Persistence and degradability:	Soluble in water. Persistence is unlikely, based on information available.
Bioaccumulative potential:	Bioaccumulation is unlikely.
Other adverse effects:	No data available
Corrosivity Characteristic:	No data available
General Notes:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 13: Disposal Considerations

Residue Waste or Unused product:	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
Contaminated Packaging:	Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

SECTION 14: Transportation Information

UN ID#:	N/A
ADR / RID (LAND):	Not regulated
DOT regulations:	Not regulated
IMDG/IMO (SEA):	Not regulated
IATA/DGR (AIR):	Not regulated
Special Provisions:	N/A

SECTION 15: Regulatory Information

Health Phrases:	Not hazardous
Risk Phrases:	N/A

Safety Phrases:	N/A
EU Regulations:	N/A
US Regulations:	TSCA: No products were found California Proposition 65: No products were found
U.S. Federal Regulations:	SARA 302/304 emergency planning and notification: No products were found. SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found. SARA 313 toxic chemicals notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air Act (CAA) 112 regulated flammable substances: No products were found. Clean Air Act (CAA) 112 regulated toxic substances: No products were found. OSHA: No products were found.
WHMIS (Canada):	N/A

SECTION 16: Other Information

LIABILITY STATEMENT: *The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. AG Scientific shall not be held liable for any damages resulting from handling or from contact with the above product. AG Scientific products are for research purposes only. Not for human use or consumption.*