



Specialized in chemicals

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Material Safety Data Sheet

Benzenesulfonamide

Section 1: Chemical Product and Company Identification

Product Name: Benzenesulfonamide

Catalog Numbers: AC138310000, AC138310250, AC138311000, AC138315000

Synonyms: Benzolsulfonamide

Chemical Name: Alpha-Tetralone

CAS No.: 98-10-2

Chemical Formula: C₆H₇NO₂S

Molecular Weight: 157.19

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Section 2: Composition and Information on Ingredients

Component	CAS-No	Weight %
Benzenesulfonamide	98-10-2	> 98

Section 3: Hazards Identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Acute oral toxicity Category 4

Label Elements

Signal Word

Warning

Hazard Statements

Harmful if swallowed



Precautionary Statements Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Rinse mouth

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

None identified

Section 4: First Aid Measures

Eye Contact:Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.Obtain medical attention.

Skin Contact :Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Obtain medical attention.

Inhalation: Remove from exposure, lie down. Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention.

Ingestion: Clean mouth with water. Get medical attention.

Most important symptoms/effects: No information available.

Notes to Physician: Treat symptomatically

Section 5: Fire and Explosion Data

Suitable Extinguishing Media: Water spray. Carbon dioxide (CO 2). Dry chemical. chemical foam.

Unsuitable Extinguishing Media: No information available

Flash Point: No information available

Method: No information available

Autoignition Temperature: No information available

Explosion Limits

Upper:No data available

Lower:No data available

Sensitivity to Mechanical Impact: No information available

Sensitivity to Static Discharge: No information available

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products

Nitrogen oxides (NO_x) Carbon monoxide (CO) Carbon dioxide (CO₂) Sulfur oxides

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health:2 **Flammability:**0 **Instability:**0 **Physical hazards:** N/A

Section 6: Accidental Release Measures

Personal Precautions Ensure adequate ventilation. Use personal protective equipment.

Environmental Precautions See Section 12 for additional ecological information.

Methods for Containment and Clean Up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not let this chemical enter the environment.

Section 7: Handling and Storage

Handling Avoid contact with skin and eyes. Do not breathe dust. Do not breathe vapors or spray mist.
Do not ingest.

Storage Keep in a dry, cool and well-ventilated place. Keep container tightly closed.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Physical State	Powder Solid
Appearance	Off-white
Odor	Odorless
Odor Threshold	No information available
Ph	No information available
Melting Point/Range	151 - 153 °C / 303.8 - 307.4 °F
Boiling Point/Range	No information available
Flash Point	No information available
Evaporation Rate	No information available
Flammability (solid,gas)	No information available
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	No information available
Vapor Density	No information available
Relative Density	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available
Molecular Formula	C6H7NO2S
Molecular Weight	157.19

Section 10: Stability and Reactivity Data

Reactive Hazard: None known, based on information available

Stability: Stable under normal conditions.

Conditions to Avoid: Incompatible products.

Incompatible Materials: Strong oxidizing agents, Strong bases

Hazardous Decomposition Products: Nitrogen oxides (NO_x), Carbon monoxide (CO), Carbon dioxide (CO₂), Sulfur oxides

Hazardous Polymerization: Hazardous polymerization does not occur.

Hazardous Reactions: None under normal processing.

Section 11: Toxicological Information**Acute Toxicity**

Product Information: No acute toxicity information is available for this product

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation			
Benzenesulfonamide	991 mg/kg (Rat)	Not listed	Not listed			
Toxicologically Synergistic Products: No information available						
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>						
Irritation: No information available						
Sensitization: No information available						
Carcinogenicity : The table below indicates whether each agency has listed any ingredient as a carcinogen.						
Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Benzenesulfonamide	98-10-2	Not listed	Not listed	Not listed	Not listed	Not listed
Epidemiology: No information available						
Teratogenicity: No information available.						
Reproductive Effects: No information available						
Mutagenicity: No information available						
Neurotoxicity: No information available						
STOT - single exposure: None known						
STOT - repeated exposure: None known						
Aspiration hazard: No information available						
Symptoms / effects,both acute and delayed: No information available						
Endocrine Disruptor Information: No information available						
Other Adverse Effects: The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.						

Section 12: Ecological Information
Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Not available
Toxicity of the Products of Biodegradation: Not available.
Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations
Waste Disposal Methods: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14: Transport Information
DOT: Not regulated
TDG: Not regulated
IATA: Not regulated
IMDG/IMO: Not regulated

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

no data available

Chemical Safety Assessment: For this product a chemical safety assessment was not carried out

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we m be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.