



Serving Scientific Community
Since 1985



TECHNO PHARMCHEM

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

1 - Pentane Sulphonic acid sodium salt anhydrous

1: Product Identification

Product Name: Sodium pentasulphonate anhydrous

CAS No : 22767-49-3

Molecular Formula: $C_5H_{11}NaO_3S$

Molecular Weight: 174.20

Product Code: A-39022

2: Composition and Information on Ingredients

1-PENTANE SULFONIC ACID SODIUM SALT ANHYDROUS

CAS No :22767-49-3 Substance.

Contains no other components or impurities which will influence the classification of the product

3. Hazards Identification

Hazard statements : Causes serious eye irritation.
: Causes skin irritation.
: May cause respiratory irritation.

4. First Aid Measures

Inhalation : Assure fresh air breathing. Allow the victim to rest.
Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
Ingestion : Obtain emergency medical attention. Rinse mouth. Do not induce vomiting. Call a poison center or doctor if you feel unwell.
Symptoms relating to use : Swallowing a small quantity of this material will result in health hazard.
General information : Never give anything by mouth to an unconscious person. If you feel unwell, Seek medical advice (show the label where possible).

5. Fire Fighting Measures

Fire : Not considered to be a fire hazard.
Explosion : Not considered to be an explosion hazard.
Fire Extinguishing Media : Use any means suitable for extinguishing surrounding fire.
Special Information : In the event of a fire, wear full protective clothing and NIOSH-approved Self contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode

6. Accidental Release Measures

For emergency responders : Equip cleanup crew with proper protection. Ventilate area.
For non-emergency personnel : Evacuate unnecessary personnel.
Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
Clean up methods : On land, sweep or shovel into suitable containers.
Minimize generation of dust. Store away from other materials.
See section 8. Exposure controls/personal protection

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.



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7. Handling and Storage

Handling	: Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Technical protective measures	: Provide good ventilation in process area to prevent formation of vapour.
Storage	: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
Storage - away from	: Strong bases. Strong acids. Sources of ignition. Direct sunlight

8: Exposure Controls/Personal Protection

Exposure controls

Personal protection

- Respiratory protection : Avoid all unnecessary exposure.
: Wear approved mask.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Others : When using, do not eat, drink or smoke.

Control parameters

Occupational Exposure Limits : No data available

9: Physical and Chemical Properties

Physical state at 20°C	: Solid.
Colour	: White crystalline
Odour	: Odorless
Odour threshold	: No data available.
pH value	: 5.5 – 7.5
Melting point [°C]	: >300°C
Decomposition point [°C]	: N/A
Auto-ignition temperature [°C]	: N/A
Flammability (solid, gas)	: N/A
Flash point [°C]	: N/A
Boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm ³]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Soluble in water
Solubility	: N/A
Viscosity at 40°C [mm ² /s]	: N/A

10: Stability and Reactivity Data

Reactivity	: Not established.
Chemical stability	: Stable under recommended storage conditions.
Hazardous reactions	: Not established.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Materials to avoid	: Strong acids. Strong bases.
Hazardous decomposition products	: Fumes. Carbon monoxide. Carbon dioxide.

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11: Toxicological Information

Acute toxicity

- Inhalation
- Dermal
- Ingestion

Corrosion

Irritation

Sensitization

Mutagenicity

Carcinogenicity

Toxic for reproduction

STOT-single exposure

STOT-repeated exposure

Aspiration hazard

: Based on available data, the classification criteria are not met.

: Based on available data, the classification criteria are not met.

: Harmful if swallowed.

: Based on available data, the classification criteria are not met.

: Causes serious eye irritation.

Causes skin irritation.

May cause respiratory irritation

: Based on available data, the classification criteria are not met.

: Based on available data, the classification criteria are not met.

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Section 12: Ecological Information

Toxicity information

Persistence - degradability

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Environmental precautions

: Not established.

: Biodegradable.

: Not established.

: Not established.

: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance

: Avoid release to the environment.

13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated.

15. Regulatory Information

Safety, health and environmental

: Ensure all national/local regulations are observed. regulations/legislation specific for the substance or mixture

Chemical Safety Assessment

: It has not been carried out.

16. Other Information

Product Use:

Laboratory Reagent