

## 1-HEXANE SULPHONIC ACID SODIUM SALT (ANH.) (For HPLC)

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** 1-PENTANE SULPHONIC ACID SODIUM SALT

**Product Code:** 3188

**CAS#:** 22767-49-3

**Synonym:** Not available

**Chemical Name:** Not available

**Chemical Formula:**  $C_5H_{11}NaO_3S \cdot H_2O$

**Formula Weight:** 192,21

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**

**Name:** 1-PENTANE SULPHONIC ACID SODIUM SALT

**Toxicological Data on Ingredients:** Not applicable

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture:**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

**Label elements:**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

**Other hazards** - none.

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** After eye contact: rinse out with plenty of water. Remove contact lenses.

**Skin Contact:** In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**If swallowed** After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

**Indication of any immediate medical attention and special treatment** needed No data available

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing media :**Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

**Unsuitable extinguishing media:** For this substance/mixture no limitations of extinguishing agents are given. \

**Special hazards arising from the substance or mixture:** Carbon oxides Sulfur oxides Sodium oxides Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

**Advice for firefighters** In the event of fire, wear self-contained breathing apparatus

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

**Environmental precautions** Do not let product enter drains.



**Methods and materials for containment and cleaning up** Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

## SECTION 7: HANDLING AND STORAGE

**Conditions for safe storage, including any incompatibilities**

**Storage conditions** Tightly closed. Dry.

**Storage class** Storage class (TRGS 510): 11: Combustible Solids.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters** Ingredients with workplace control parameters

**Exposure controls** Personal protective equipment

**Eye/face protection** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

**Skin protection** Full contact Material: Nitrile rubber Minimum layer thickness: 0,11 mm

**Respiratory protection** required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance Form</b>	: White colour crystalline powder.
<b>Odour</b>	: Not available
<b>Taste</b>	: Not available
<b>Molecular Weight</b>	: Not available
<b>Colour</b>	: Not available
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Critical Temperature</b>	: Not available
<b>Specific Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not Available
<b>Vapor Density</b>	: Not available
<b>Volatility</b>	: Not Available
<b>Odor Threshold</b>	: Not Available
<b>Water/Oil Dist. Coeff.</b>	: Not Available
<b>Ionicity (in Water)</b>	: Not Available
<b>Dispersion Properties</b>	: Not Available
<b>Solubility</b>	: Not available

## SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is chemically stable under standard ambient conditions (room temperature).

**Possibility of hazardous reactions** Violent reactions possible with: strong oxidising agents

**Conditions of avoid:** Not data available.

**Incompatibility materials:** Not data available.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

## SECTION 11: TOXICOLOGICAL INFORMATION



**Acute toxicity**

Oral: No data available

Inhalation: No data available

Dermal: No data available

**Skin corrosion/irritation** No data available

**Serious eye damage/eye irritation** No data available

**Respiratory or skin sensitization** No data available

**Germ cell mutagenicity** No data available

**Carcinogenicity** No data available

**Reproductive toxicity** No data available

**Specific target organ toxicity** - single exposure No data available

**Specific target organ toxicity** - repeated exposure No data available

**Aspiration hazard** No data available

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not available.

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil** No data available

**Results of PBT and vPvB assessment:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14: TRANSPORT INFORMATION**

**UN number:**

**ADR/RID:** NA

**IMDG:** NA

**IATA:** NA

**UN proper shipping name**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Transport hazard class (es):**

**ADR/RID:** NA

**IMDG:** NA

**IATA:** NA

**Packaging group:**

**ADR/RID:** NA

**IMDG:** NA

**IATA:** NA

**Environmental hazards:**

**ADR/RID:** NA

**IMDG Marine pollutant:** NA

**IATA:** NA

**SECTION 15: OTHER REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture** This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

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



**.SECTION 16: OTHER INFORMATION**

**References: Full text of H AND R-Statements.**

Not available

**Other Special Considerations:** Not available.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.