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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	1-Pentanesulfonic Acid, Sodium salt
Synonyms	Sodium 1-pentanesulfonate
Grade	ACS, HPLC, Pesticide, Anapremium, Dehydrous, Ion-pairing
Company	Anaqua Chemicals Supply 1510 Eldridge Parkway, Suite 110-268 Houston, TX 77077, USA
Telephone	(281) 668-0032
Fax	(281) 668-0033

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**2. COMPOSITION/ INFORMATION ON INGREDIENTS**

Formula	C <sub>5</sub> H <sub>11</sub> SO <sub>3</sub> Na
CAS-No.	22767-49-3
Ec-No.	245-208-4

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**3. HAZARDS IDENTIFICATION****According to European Directive 67/548/EEC as amended.**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC..

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**4. FIRST AID MEASURES**

Inhalation	If breathed in, move into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Skin Contact	Flush eyes with water as a precaution
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician.

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**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters	Wear self contained breathing apparatus for fighting fire if necessary.

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**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	Avoid breathing vapors, mist or gas.
Environmental precautions	Do not let product enter drains.
Methods for containment and cleaning up	Keep in suitable, closed containers for disposal.

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## 7. HANDLING AND STORAGE

Handling	Normal measures for preventive fire protection.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Light sensitive. Store under inert gas.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Occupational exposure controls

Engineering Measures	General industrial hygiene practice.
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### Personal protective Equipment

Respiratory protection	Use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls when risk assessment shows air-purifying respirators are appropriate. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)
Skin protection	For prolonged or repeated contact use protective gloves.
Eye / face protection	Safety glasses

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	No data available
pH	No data available
Melting point	No data available
Boiling point	No data available
Flash point	No data available
Ignition temperature	No data available
Lower explosion limit	No data available
Water solubility	No data available
Relative density	No data available
Molecular weight	174.19

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## 10. STABILITY AND REACTIVITY

Storage stability	Stable under recommended storage conditions.
Conditions to avoid	No information available
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products	Carbon oxides, Sulphur oxides

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## 11. TOXICOLOGICAL INFORMATION

Acute toxicity	No available information
Skin irritation	No available information
Eyes irritation	No available information
Sensitization	No available information
Germ cell mutagenicity	No available information
Specific target organ toxicity – single exposure (GHS)	No available information
Specific target organ toxicity – repeated exposure (GHS)	No available information
Carcinogenicity	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.
Reproductive toxicity	No available information
Aspiration hazard	No available information
Potential health effects	<b>Inhalation</b> May be harmful if inhaled. May cause respiratory tract irritation <b>Ingestion</b> May be harmful if swallowed. <b>Skin</b> May be harmful if absorbed through skin. May cause skin irritation. <b>Eyes</b> May cause eye irritation.
Signs and Symptoms of Exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Additional Information	RTECS: Not applicable

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity	
Persistence and degradability	No available information
Toxicity to daphnia and aquatic invertebrates	No available information
Bioaccumulative potential	No available information
Results of PBT and vPvB assessment	No available information
Mobility	No available information
Other adverse effects	No available information

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## 13. DISPOSAL CONSIDERATIONS

Product	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

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#### 14. TRANSPORT INFORMATION

##### IATA

UN-Number: -            Class: -            Packing group: -

Proper shipping name: Not dangerous goods

##### IMDG

UN-Number: -            Class: -            Packing group: -

Proper shipping name: Not dangerous goods

EMS-No. -

##### DOT (US)

UN-Number: -            Class: -            Packing group: -

Proper shipping name: Not dangerous goods

Marine pollution: No

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#### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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#### 16. OTHER INFORMATION

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