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Material Safety Data Sheet

Tazobactam Sodium

Section 1: Chemical Product and Company Identification

Product Name: Tazobactam Sodium

Catalog Codes: Not available

CAS#: 89785-84-2

RTECS: XI0191500

TSCA: TSCA 8(b) inventory: Tazobactam Sodium

CI#: Not available.

Synonym: ytr830; -triazol-1-ylmethyl)-,4,4-dioxide,sodiumsalt,(2s-(2-alpha,3-beta,5-alpha))

Chemical Name: Not available

Chemical Formula: 89785-84-2

Contact Information for Emergency: (0086) 551 65418681

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Tazobactam Sodium	89785-84-2	100

Toxicological Data on Ingredients: Not available

Section 3: Hazards Identification

Classification of the substance or mixture

Not a dangerous substance according to GHS.

This substance is not classified as dangerous according to Directive 67/548/EEC.

Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards - none

Section 4: First Aid Measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of immediate medical attention and special treatment needed Not available

Section 5: Fire and Explosion Data

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Sodium oxides

Precautions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information Not available

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

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

Specific end uses Not available

Section 8: Exposure Controls/Personal Protection

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Crystalline solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 450.44 g/mole

Color: Off-white to slightly yellowish

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: 115-145°C (482°F)

Critical Temperature: Not available.

Vapor Pressure: Not applicable.

Loss on drying: ≤1.0

Volatility: Not available.

Odor Threshold: Not available.

Residue on ignition,%: ≤0.1

Ionicity (in Water): Not available.

Solubility: Not available

Section 10: Stability and Reactivity Data

Reactivity Not available

Chemical stability Not available

Possibility of hazardous reactions Not available

Conditions to avoid Not available

Incompatible materials Strong oxidizing agents

Other decomposition products	Not available
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Section 11: Toxicological Information

Acute toxicity	Not available
Skin corrosion/irritation	Not available
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	Not available
Potential health effects	
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	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.

Section 12: Ecological Information

Toxicity	Not available
Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Results of PBT and vPvB assessment	Not available
Other adverse effects	Not available

Section 13: Disposal Considerations

Waste Disposal :	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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Section 14: Transport Information

DOT Classification:	Not a DOT controlled material (United States).
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.

Section 15: Other Regulatory Information

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

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

Not applicable

Chemical Safety Assessment Not applicable

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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