

SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #: 15141

NAME: Tazobactam sodium salt

24 HOUR EMERGENCY TELEPHONE: (800) 535-5053(USA)
352-323-3500 (INTERNATIONAL)

TO REQUEST AN MSDS: (800) 869-9290

CUSTOMER SERVICE: (630) 766-2112

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 89785-84-2

MF: $C_{10}H_{11}N_4O_5SNa$

MW: 322

SECTION 3. HAZARDS IDENTIFICATION

CAUTION: AVOID CONTACT AND INHALATION.

HMIS RATING HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0

NFPA RATING HEALTH: 1
FLAMMABILITY: 0

SECTION 4. FIRST-AID MEASURES

ORAL EXPOSURE:	IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.
INHALATION EXPOSURE:	IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.
DERMAL EXPOSURE	IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.
EYE EXPOSURE	IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.
NOTES FOR PHYSICIAN:	TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT:	NOT AVAILABLE.
FLAMMABLE LIMITS IN AIR, BY % VOLUME	UPPER: NOT AVAILABLE.
	LOWER: NOT AVAILABLE.
AUTOIGNITION TEMPERATURE:	NOT AVAILABLE.
EXTINGUISHING MEDIA:	SUITABLE: WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER, OR APPROPRIATE FOAM.
FIREFIGHTING	PROTECTIVE EQUIPMENT: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
	SPECIFIC HAZARD(S): EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PROCEDURE(S) OF PERSONAL PRECAUTION(S):	EXERCISE APPROPRIATE PRECAUTIONS TO MINIMIZE DIRECT CONTACT WITH SKIN OR EYES AND PREVENT INHALATION OF DUST.
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METHODS FOR CLEANING UP:	SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
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SECTION 7. HANDLING AND STORAGE

HANDLING	USER EXPOSURE: AVOID INHALATION. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE.
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STORAGE	SUITABLE: KEEP TIGHTLY CLOSED.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	SAFETY SHOWER AND EYE BATH. MECHANICAL EXHAUST REQUIRED.
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GENERAL HYGIENE MEASURES	WASH THOROUGHLY AFTER HANDLING.
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PERSONAL PROTECTIVE EQUIPMENT	RESPIRATORY: WEAR DUST MASK. HAND: PROTECTIVE GLOVES. EYE: CHEMICAL SAFETY GOGGLES.
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White or off-white powder
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pH:	NOT AVAILABLE.
VAPOR PRESSURE	NOT AVAILABLE.
VAPOR DENSITY	NOT AVAILABLE.
SG/DENSITY	NOT AVAILABLE.
BULK DENSITY	NOT AVAILABLE.
SATURATED VAPOR CONC.	NOT AVAILABLE.
VOLATILE%	NOT AVAILABLE.
BOILING POINT:	NOT AVAILABLE
MELTING POINT	140-147 °C
VOC CONTENT	NOT AVAILABLE.
WATER CONTENT	NOT AVAILABLE.
SOLVENT CONTENT	NOT AVAILABLE.
EVAPORATION RATE	NOT AVAILABLE.
VISCOSITY	NOT AVAILABLE.
SURFACE TENSION	NOT AVAILABLE.
PARTITION COEFFICIENT	NOT AVAILABLE.
DECOMPOSITION TEMPERATURE	NOT AVAILABLE
REFRACTIVE INDEX	NOT AVAILABLE
OPTICAL ROTATION	NOT AVAILABLE
MISCELLANEOUS DATA	NOT AVAILABLE
SOLUBILITY	SOLUBILITY IN WATER:SOLUBLE. OTHER SOLVENTS: METHYLATE, ANHYDROUS ETHANOL

STABILITY**STABLE: STABLE.****MATERIALS TO AVOID: STRONG OXIDIZING AGENTS.****HAZARDOUS
POLYMERIZATION****WILL NOT OCCUR****POSSIBLE
DECOMPOSITION
PRODUCTS****HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, SULFUR OXIDES, HYDROGEN SULFIDE GAS, SODIUM OXIDES, NITROGEN OXIDES.**

SECTION 11. TOXICOLOGICAL INFORMATION

**ROUTE OF
EXPOSURE****SKIN CONTACT: MAY CAUSE SKIN IRRITATION.****SKIN ABSORPTION: MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.****EYE CONTACT: MAY CAUSE EYE IRRITATION.****INHALATION: MAY BE HARMFUL IF INHALED. MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.****INGESTION: MAY BE HARMFUL IF SWALLOWED.****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

NO DATA AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

**APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND
BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND
SCRUBBER. OBSERVE ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL
REGULATIONS.**

SECTION 14. TRANSPORT INFORMATION

DOT	NON-HAZARDOUS FOR TRANSPORT: THIS SUBSTANCE IS CONSIDERED TO BE NON-HAZARDOUS FOR TRANSPORT.
IATA	NON-HAZARDOUS FOR AIR TRANSPORT: NON-HAZARDOUS FOR AIR TRANSPORT.

SECTION 15. REGULATORY INFORMATION

EU ADDITIONAL CLASSIFICATION

SAFETY PHRASES:

S: 24/25 22

SAFETY STATEMENTS: AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATHE DUST.

US CLASSIFICATION AND LABEL TEXT

US STATEMENTS:

CAUTION: AVOID CONTACT AND INHALATION.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: NO

CANADA REGULATORY INFORMATION

WHMIS CLASSIFICATION: THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR, AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

DSL: NO

NDSL: NO

SECTION 16. OTHER INFORMATION

MSDS LEGEND:

MW: MOLECULAR WEIGHT

MF: MOLECULAR FORMULA

VOC: VOLATILE ORGANIC COMPOUNDS

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

CAS: CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

PEL: PERMISSIBLE EXPOSURE LIMIT (OSHA)

TLV: THRESHOLD LIMIT VALUE (ACGIH)

IMPORTANT:

*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 **CII** 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 **CII** has been advised of the possibility of such damages.*