



Material Safety Data Sheet

Section 1: Product and Company Identification			
Product Name	Cefazolin Sodium Salt		
Catalogue Number:	AS-2026	CAS Number:	27164-46-1
E-mail:	Sales@ausamics.com	Website:	Ausamics.com

Section 2: Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Respiratory sensitization (Category 1), H334

Skin sensitization (Category 1), H317

Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram



Signal Word

Danger

Hazard Statements

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statement(s)

P261 Avoid breathing dust.

P280 Wear protective gloves.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

Supplemental Hazard Statements none

Other hazards

none

Section 3: Composition / Information on Ingredients			
Mixture			
Formula	C14H13	C14H13N8NaO4S3	
Molecular weigh	nt 476,49 g	476,49 g/mol	
CAS-No.	27164-4	27164-46-1	
EC-No.	248-278	248-278-4	
Component		Classification	Concentration
Sodium (6r-trans)-3-[[(5-methyl-1,3,4-thiadiazol-2-yl)thio]methyl]-8-oxo-7-(1h - tetrazol-1-			
ylacetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxyl ate			
CAS-No.	27164-46-1	Door Core 1. Chir Core 1. H224 H217	. 100.0/
EC-No.	248-278-4	Resp. Sens. 1; Skin Sens. 1; H334, H317	<= 100 %





Section 4: First Aid Measures		
Description of first-aid measures		
General advice	First aiders need to protect themselves. Show this material safety data sheet to the doctor in attendance.	
If inhaled	After inhalation: fresh air. Call in physician.	
In case of skin contact	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.	
In case of eye contact	After eye contact: rinse out with plenty of water. Remove contact lenses.	
If swallowed	After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.	
Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.		
Indication of any immediate medical attention and special treatment needed No data available		

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Section	5:	rıre	Fignting	Measures

Extinguishing media

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture

Carbon oxides

Nitrogen oxides (NOx)

Sulfur oxides

Sodium oxides

Advice for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Further information

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. 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 (see sections 7 and 10). Take it up carefully. Dispose of properly. Clean up affected area. Avoid generation of dusts.

Reference to other sections

For disposal see section 13.





Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling

Work under hood. Do not inhale substance/mixture.

Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Storage conditions	orage conditions Tightly closed. Dry. Keep locked up or in an area accessible only to qual or authorized persons.	
Storage stability	Recommended storage temperature 2 - 8 °C	
Storage class	Storage class (TRGS 510): 13: Non-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 Break through time: 480 min

Material tested: KCL 741 Dermatril® L

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm Break through time: 480 min

Material tested: KCL 741 Dermatril® L

Body Protection

protective clothing

Respiratory protection

required when dust is 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.

Recommended Filter type: Filter type P2

The entrepeneur must ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures must be properly documented.

Control of environmental exposure

Do not let product enter drains.

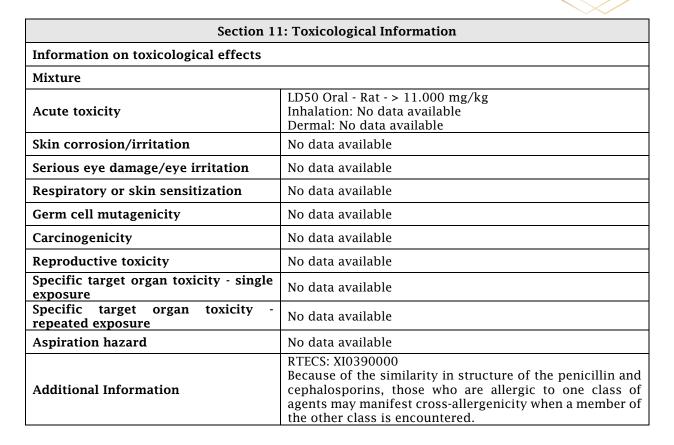




Section 9: Physical and Chemical Properties		
Physical state	Solid	
Color	White off-white	
Odor	No data available	
Melting point/freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flammability (solid, gas)	No data available	
Upper/lower flammability or explosive limits	No data available	
Flash point	No data available	
Vapor pressure	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
рН	No data available	
Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available	
Water solubility	No data available	
Partition coefficient: n-octanol/water	No data available	
Density	No data available	
Relative density	No data available	
Relative vapor density	No data available	
Particle characteristics	No data available	
Explosive properties	No data available	
Oxidizing properties	No data available	
Other safety information	No data available	

Section 10: Stability and Reactivity		
Reactivity		
No data available		
Chemical stability		
The product is chemically stable under standard ambient conditions (room temperature).		
Possibility of hazardous reactions		
No data available		
Conditions to avoid		
no information available		
Incompatible materials		
Alkali metals		
Hazardous decomposition products		
In the event of fire: see section 5.		





Section 12: Ecological Information		
Toxicity		
Toxicity to fish	No data available	
Toxicity to daphnia and other aquatic invertebrates	No data available	
Persistence and degradability	No data available	
Bio accumulative potential	No data available	
Mobility in soil	No data available	
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not Conducted.	
Endocrine disrupting properties	No data available	
Other adverse effects	No data available	

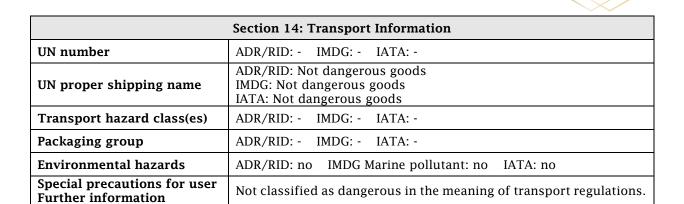
Section 13: Disposal Consideration

Waste treatment methods

Product

Offer surplus and non- recyclable solutions to a licensed company. Contact a licensed professional waste disposal service to dispose of this material





Section 15: 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.

Other regulations

Take note of Dir 94/33/EC on the protection of young people at work.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16: Additional Notes		
Documented By	Ausamics Life Science Sales@Ausamics.com	
Revision date	June 01, 2024	
Summary of Revisions	This document has been revised to meet the requirements of the US OSHA HazCom 2012 Standard, which supersedes the existing regulations outlined in 29 CFR 1910.1200, in order to align with the internationally recognized globally Harmonized System of Classification and Labeling of chemicals (GHS).	
Disclaimer	The information presented in this Safety Data sheet is accurate to the best of our knowledge, information, and belief at the time of publication. It is intended as a guide for the safe handling, use, processing, storage, transportation, disposal, and release of specific materials. However, it should be interpreted as a warranty or quality specification. The provided information pertains solely to the designated material and may not be applicable to its use in combination with other materials or in any process, unless explicitly stated in the text.	