



Material Safety Data Sheet

| Section 1: Product and Company Identification | | | |
|---|---|--------------------|--------------|
| Product Name | Ceftriaxone Disodium Salt Hemi heptahydrate | | |
| Catalogue Number: | AS-2007 | CAS Number: | 104376-79-6 |
| E-mail: | Sales@ausamics.com | Website: | Ausamics.com |

| Section 2: Hazards Identification | |
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| <p>Classification of the substance or mixture GHS Classification in accordance with Hazardous Products Regulations (HPR) (SOR/2015-17) Skin irritation (Category 2), H315 Eye irritation (Category 2A), H319 Respiratory sensitization (Category 1), H334 Skin sensitization (Category 1), H317 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335</p> | |
| <p>GHS Label elements, including precautionary statements</p> | |
| Pictogram | |
| Signal Word | Danger |
| <p>Hazard statement(s) H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.</p> | |
| <p>Precautionary statement(s) P261 Avoid breathing dust/ fumes/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection. P284 Wear respiratory protection. P302 + P352 IF ON SKIN: Wash with plenty of water. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor. P362 + P364 Take off contaminated clothing and wash it before reuse. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant.</p> | |
| <p>Hazards not otherwise classified (HNOC) or not covered by GHS none</p> | |



| Section 3: Composition / Information on Ingredients | | | |
|---|--------------------------|---|----------------|
| Mixture | | | |
| Component | | Classification | Concentration* |
| Ceftriaxone disodium salt hemi(heptahydrate) | | | |
| Formula | C18H16N8Na2O7S3 · | Skin Irrit. 2; Eye Irrit. 2A; Resp. Sens. 1; Skin Sens. 1; STOT SE 3; H315, H319, H334, H317, H335 | <= 100 % |
| Molecular weight | 3.5H2O | | |
| CAS-No. | 661.60 g/mol | | |
| EC-No. | 104376-79-6 277-930-0 | | |
| * Weight % | | | |

| Section 4: First Aid Measures | |
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| Description of first-aid measures | |
| General advice | Consult a physician. Show this material safety data sheet to the doctor in attendance. Move out of dangerous area. |
| If inhaled | If breathed in, move a person into fresh air. If not breathing, give artificial respiration. Consult a physician. |
| In case of skin contact | Wash off with soap and plenty of water. Consult a physician. |
| In case of eye contact | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| If swallowed | Never give anything by mouth to an unconscious person. Rinse mouth with water. 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 | |

| Section 5: Fire Fighting Measures | |
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| Extinguishing media | |
| 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) Sulfur oxides Sodium oxides | |
| Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary. | |
| Further information No data available | |

| Section 6: Accidental Release Measures | |
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| Personal precautions, protective equipment and emergency procedures | |



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| Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8. |
| Environmental precautions Do not let product enter drains. |
| Methods and materials for containment and cleaning up Pick up and arrange disposal without creating dust. 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 | |
| Advice on safe handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. | |
| Advice on protection against fire and explosion Provide appropriate exhaust ventilation at places where dust is formed. | |
| Hygiene measures Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. For precautions see section 2. | |
| Conditions for safe storage, including any incompatibilities | |
| Storage conditions | Keep container tightly closed in a dry and well-ventilated place. |
| Storage stability | Recommended storage temperature 2 - 8 °C |
| Storage class | Storage class (TRGS 510): 11: Combustible Solids |

| Section 8: Exposure Controls / Personal Protection | |
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| Control parameters | |
| Ingredients with workplace control parameters Contains no substances with occupational exposure limit values. | |
| Exposure controls | |
| Appropriate engineering controls Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. | |
| Personal protective equipment | |
| Eye/face protection Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU). | |
| Skin protection Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M) Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M) | |
| Body Protection | |



Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

| Section 9: Physical and Chemical Properties | |
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| Physical state | Solid |
| Odor | No data available |
| Odor Threshold | No data available |
| Melting point/freezing point | No data available |
| Initial boiling point and boiling range | No data available |
| Evaporation rate | 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 |
| Vapor density | No data available |
| Autoignition temperature | No data available |
| Decomposition temperature | No data available |
| pH | No data available |
| Viscosity | 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 |
| Explosive properties | No data available |
| Oxidizing properties | No data available |
| Other safety information | No data available |

| Section 10: Stability and Reactivity | |
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| Reactivity | No data available |
| Chemical stability | Stable under recommended storage conditions. |



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| Possibility of hazardous reactions No data available |
| Conditions to avoid No data available |
| Incompatible materials Alkali metals |
| Hazardous decomposition products In the event of fire: see section 5 |

| Section 11: Toxicological Information | |
|---|---|
| Information on toxicological effects | |
| Mixture | |
| Acute toxicity | Oral: No data available Inhalation: No data available Dermal: No data available No data available |
| Skin corrosion/irritation | Remarks: No data available |
| Serious eye damage/eye irritation | Remarks: No data available |
| Respiratory or skin sensitization | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity | ACGIH: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. |
| Reproductive toxicity | No data available |
| Specific target organ toxicity - single exposure | Inhalation - May cause respiratory irritation. |
| Specific target organ toxicity - repeated exposure | No data available |
| Aspiration hazard | No data available |
| Additional Information | Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated., Because of the similarity in structure of the penicillin and cephalosporins, those who are allergic to one class of agents may manifest cross-allergenicity when a member of the other class is encountered. |

| Section 12: Ecological Information | |
|---|---|
| Toxicity | 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 |
| Contaminated packaging | Dispose of as unused product. |

| Section 14: Transport Information | |
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| TDG | Not regulated as a dangerous good |
| IMDG | Not dangerous goods |
| IATA | Not dangerous goods |
| Further information | Not classified as dangerous in the meaning of transport regulations. |

| Section 15: Regulatory Information | |
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| This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR. | |

| Section 16: Additional Notes | |
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| 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. |