



TOKU-E COMPANY
MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE (USA only): +1-800-535-5053 INF.: +86-21-5206 9530

I . Substance identification
Cephalothin Sodium

II . Composition/ information on ingredients
CAS No.: 58-71-9
FW: $C_{16}H_{15}N_2NaO_6S_2$

III. Hazard identification
Label precautionary statements
Harmful
Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.
Target organ(s): Blood.
In case of accident or if you feel unwell, seek medical advice immediately (show label when possible). Wear suitable protective clothing, gloves and eye/ face protection.

IV. First-aid measures
In case of contact, immediately flush eyes or skin with copious amounts of water at least 15 minutes while removing contaminated clothing and shoes. Assure adequate flushing of eyes by separating eyelids with fingers. If inhaled, remove to fresh air. If breathing is difficult, call a physician. If swallowed, wash out mouth with water (provided person is conscious). Call a physician immediately. Wash all contaminated clothing before reuse.

V . Fire extinguishing measures
Explosion data: This material, like most materials in powder form, is capable of creating a dust explosion.
Extinguishing media: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.
Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.
Unusual fire and explosion hazards:
Emits toxic fumes under fire conditions.

VI. Accidental release measures
Evacuate area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Sweep up, avoid raising dust, place in a bag and hold for

waste disposal. Ventilate area and wash spill site after material pickup is complete.

VII. Handling and storage

Wear appropriate government approved respirator, chemical resistant gloves, safety goggles, and all other protective clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use only in a chemical fume hood. Safety shower and bath.
Store at 2 –8°C. Keep tightly closed.

VIII. Physical properties

Appearance: Very faintly yellow powder
PH: N/A
Melting point: N/A
Solubility: 50 MG/ML H₂O clear, faintly yellow.

IX. Stability and reactivity

Stable. May discolor on exposure to light. Avoid strong oxidizing agents. Hazardous combustion or decomposition products thermal decomposition may produce carbon monoxide, carbon dioxide nitrogen oxides, sulfur oxides, sodium/ sodium oxides.
Hazardous polymerization will not occur.

X. Toxicological information

May cause skin irritation. May be harmful if absorbed through the skin. May cause eye irritation. May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if swallowed. Signs and symptoms of exposure: Skin rash, fever, meningitis, renal failure, thrombocytopenia, and reversible leukopenia. Because of the similarity in structure of the penicillins and cephalosporins, those who are allergic to one class of agents may manifest cross-allergenicity when a member of the other class is encountered. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Sensitization: May cause allergic reaction.

Target organ(s): Blood.

Toxicity data:

Oral Rat LD50: > 10000 MG/KG

Intraperitoneal Rat LD50: 6250 MG/KG

Subcutaneous Rat LD50: 7500MG/KG

Intravenous Rat LD50: 5600MG/KG

Intraperitoneal Mouse LD50: 5670 MG/KG

Subcutaneous Mouse LD50: 7500 MG/KG

Intravenous Mouse LD50: 4800 MG/KG

Intramuscular Mouse LD50: > 4 GM/KG

Subcutaneous Guinea pig LD50: 110MG/KG

Intravenous Guinea pig LD50: 150MG/KG

Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in trees for complete information.

XI. Ecological information: Data not yet available.

XII. Disposal considerations

Contact a licensed professional waste disposal service to dispose of this material. 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.

XIII. Transport information:

This product is considered to be non-hazardous for transport.

Non-hazardous for air transport.

XIV. Regulatory information

US information

Harmful

Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.

Wear suitable protective clothing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Target organ(s): Blood

SARA listed: No

European information:

Harmful

R: 42/43

May cause sensitization by inhalation and skin contact.

S: 22 36/37

Do not breathe dust. Wear suitable protective clothing and gloves.

Canada information

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

XV. Other Information

The information and recommendations set forth herein are believed to be completed and faithful. However, it is the user's responsibility to determine the suitability for his/ her purpose prior to use. Toku-E Company assumes no additional liability and responsibility resulting from use and/ or reliance on this information.