

	<p align="center">Cefixime - MATERIAL SAFETY</p> <p align="center">DATA SHEET</p> <p align="right">Version 2.0 Revision Date 09/01/2010</p>
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1. SUBSTANCE IDENTITY AND COMPANY CONTACT INFORMATION

Product Name	Cefixime
Product Number	C051
Procedure	N/A
Brand	TOKU-E
Company	715 W. Orchard Drive Suite 3 Bellingham, WA 98225
EMERGENCY PHONE (US only)	+1-800-535-5053
INF	+86-21-5206-9530

2. CHEMICAL COMPOSITION AND DATA ON COMPONENTS

CAS NO.	79350-37-1
Formula	$C_{16}H_{15}N_5O_7S_2$
Molecular Weight	453.45

3. HAZARD IDENTIFICATION

OSHA Hazards	Target Organ Effect
Target Organ(s)	Nerves., Liver

4. FIRST-AID MEASURES

In case of eye and skin contact

In case of skin contact, wash off with soap and plenty of water. In case of eye contact, rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If inhaled

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

If swallowed

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

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

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

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Handling**

Avoid formation of dust and aerosols.

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

Storage

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

Store under inert gas. Air sensitive. Keep in a dry place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses.

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light yellow powder
pH	2.6 - 4.1
Melting point	N/A
Solubility	N/A

10. STABILITY AND REACTIVITY**Storage stability**

Stable under recommended storage conditions.

Materials to avoid

Avoid strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sulphur oxides, nitrogen oxides (NO_x).

11. TOXICOLOGICAL INFORMATION

Potential Health Effects	
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Target Organs	Nerves., Liver.
Acute toxicity	
no data available	
Irritation and corrosion	
no data available	
Sensitization	
no data available	
Carcinogenicity	
IARC	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Signs and Symptoms of Exposure	
Gastrointestinal disturbance, hypersensitivity reactions, neutropenia, Elevated:, Increased liver enzymes., blood urea nitrogen, Nausea, Vomiting, Diarrhoea, Rash, Headache, Dizziness, 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.	
12. ECOLOGICAL INFORMATION	
Data not yet available.	
13. DISPOSAL CONSIDERATIONS	
Product	

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards

Target Organ Effect

DSL Status

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

	CAS-No.
Cefixime trihydrate	125110-14-7

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Chronic Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.
Cefixime trihydrate	125110-14-7

New Jersey Right To Know Components

	CAS-No.
Cefixime trihydrate	125110-14-7
California Prop. 65 Components	
This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.	
16. OTHER INFORMATION	
Further information <p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Toku-e Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.</p>	