



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Material Name	CEFTIOFUR CRYSTALLINE FREE ACID STERILE SUSPENSION
CAS #	Mixture
PHA Product Family	Antibiotic
Typical Use	Veterinary product used as an antibiotic. Not for human use.
Manufacturer Information	Pharmacia & Upjohn Co., A Subsidiary of Pfizer Inc 7171 Portage Road Kalamazoo, MI 49001-0199 USA
Emergency	269-833-5122
General Information	800-821-7000

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component			
Agency	TWA/POEL	CAS #	Percent
Miglyol 812		73398-61-5	72.5
CEFTIOFUR		80370-57-6	15
Pfizer Inc	0.2 MG/M3		
COTTONSEED OIL		8001-29-4	12.5

3. HAZARDS IDENTIFICATION

Emergency Overview

Data obtained on active ingredient are summarized below. May cause sensitization by inhalation and skin contact.

Potential Short Term Health Effects

Skin

Data obtained on active ingredient are summarized below. Allergic reactions are possible. May cause sensitization by skin contact. Effects of skin contacts may include rash.

Eyes

No information regarding these hazards.

Inhalation

Data obtained on active ingredient are summarized below. Allergic reactions are possible. Inhalation may provoke the following symptoms: swelling of the face (facial oedema), hives, fever, breathing difficulty, anaphylactic shock.

Ingestion

This material may cause: diarrhea, nausea, vomiting, anemia.

Medical Conditions Aggravated by Exposure

Individuals with known hypersensitivity, or allergic reactions to the following medications should consult with their site industrial hygiene/safety professional or a physician before working with this material: penicillin, cephalosporin.

4. FIRST AID MEASURES

Skin contact

Wash off with soap and water. Take off all contaminated clothing immediately. Consult a physician.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention promptly.

Inhalation

Move to fresh air. Provide general supportive care. Seek medical attention promptly.

Ingestion

Call a physician immediately. Never give anything by mouth to an unconscious person. If a person vomits when lying on their back, place them on their side. Provide general supportive care.

5. FIRE FIGHTING MEASURES

Flash Point Nonflammable.

Fire-Fighting Procedures

Wear self-contained breathing apparatus and full body protective equipment.

Suitable extinguishing media

Water, carbon dioxide, or dry chemical.

Specific hazards

Hazardous combustion products may include: Carbon monoxide (CO), carbon dioxide (CO₂), nitrogen oxides (NO_x), sulfur oxides (SO_x).

Protective Equipment For Firefighters

Wear self-contained breathing apparatus and full body protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Evacuation Procedures

Evacuate personnel to designated areas.

Environmental precautions

Do not flush into surface water or sanitary sewer system. Do not let product enter drains. Do not allow material to contaminate ground water system. Avoid subsoil penetration.

Personal precautions

Provide respiratory, skin, and eye protection to prevent overexposure.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

Storage

Store in a cool dry place. Protect from light.

Further information

Wash thoroughly after handling. Launder contaminated clothing before reuse. Store in a cool, dry place and protect from light.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Material: CEFTIOFUR CRYSTALLINE FREE ACID STERILE SUSPENSION

Agency	TWA/POEL	STEL	CEIL
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Component: CEFTIOFUR

Pfizer Inc

0.2 MG/M3

Engineering measures to reduce exposure

Local exhaust at point of manufacture or use.

Control parameters

Safety showers and eye wash stations should be accessible in all work areas.

Personal protective equipment

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection

rubber gloves

Eye protection

Safety glasses with side-shields. If splashes are likely to occur, wear: chemical goggles.

Skin and body protection

protective covering for exposed areas of skin.

9. PHYSICAL & CHEMICAL PROPERTIES

Molecular Properties

Molecular Formula MIXTURE

Appearance

Form suspension

Physical Properties

Freezing Point -5 - 0 °C solidifies

Specific Gravity 0.935 - 0.942

Vapor Pressure < 1 MMHG

Solubility

Solubility in Water Insoluble.

Other Solubility Soluble in: organic materials .

Odor Properties

Odor musty

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability

Stable under normal conditions.

Conditions to avoid

Decomposes on exposure to light.

Materials to avoid

oxidizing agents, bases.

Hazardous decomposition products

none under normal use

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Data obtained on active ingredient are summarized below.

LD50: 7760 mg/kg, Rat, Oral

LD50: 927 mg/kg, Rat, Intraperitoneal

LC50: 8.3 mg/l, Rat, Inhalation

Sensitization

May cause sensitization by inhalation and skin contact.

Mutagenicity

Data obtained on active ingredient are summarized below.
negative, in vitro, Ames
negative, in vivo, micronucleus assay

Carcinogenicity

Ingredient(s) are not listed as carcinogenic by IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecological Fate

Hydrolysis t1/2 (half-life): 9 Days (25 °C, pH=7)

The product can be degraded by abiotic (e.g. chemical or photolytic) processes. This material undergoes primary biodegradation with extensive ultimate biodegradation.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions

Dispose of by incineration in accordance with applicable international, national, state, and/or local waste disposal regulations.

14. TRANSPORTATION INFORMATION

General

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

US Federal Regulations

Inventory - Canada - Domestic Substances List (DSL)

COTTONSEED OIL	8001-29-4	Present
Miglyol 812	73398-61-5	Present

Inventory - United States - Section 8(b) Inventory (TSCA)

COTTONSEED OIL	8001-29-4	Present
Miglyol 812	73398-61-5	Present

State Regulations

Pennsylvania - RTK (Right to Know) List

COTTONSEED OIL	8001-29-4	[present]
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Labeling Information

Label Code	K-2
Hazard	SENSITIZER.
Signal Word	WARNING!

16. OTHER INFORMATION

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