



Safety Data Sheet

X122 C.C.C.A.F.

(Cefotetan, Cycloheximide, Colistin, Acriflavine, Fosfomycin)

Issue: 18/Aug/2010

1. Product and Company Identification

Product Code: X122
Product Name: C.C.C.A.F.
(Cefotetan, Cycloheximide, Colistin, Acriflavine, Fosfomycin)

Manufacturer: Lab M Limited
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2. Composition and Information on Ingredients

Hazardous ingredients:

Component	CAS number EINECS number	Concentration	Classification	Risk phrases
Cycloheximide	68-81-9 200-636-0	20-30%	T+, N	Muta Cat 3; R68 Repr Cat 2; R61 T+; R28 N; R51/53
Acriflavine hydrochloride	8063-24-9	0.5-1%	Xn	

3. Hazard Identification

Most important hazard: Very toxic if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause harm to the unborn child. Possible risks of irreversible effects.

Health hazard

Skin: Toxic in contact with skin.
Eyes: May cause irritation to eyes.
Inhalation: Toxic by inhalation. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Inhalation of vapour may cause shortness of breath.
Ingestion: Toxic if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system.

4. First Aid Measures

After skin contact: Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention.
After eye contact: Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
After inhalation: Move the exposed person to fresh air. Seek medical attention.
After ingestion: If swallowed, seek medical advice immediately and show the container or label. DO NOT INDUCE VOMITING.



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5. Fire Fighting Measures

Extinguishing media suitable: Use as appropriate: carbon dioxide (CO₂), Dry Chemical, Foam

Special risks: Burning produces irritating, toxic and obnoxious fumes. Wear: Self-contained breathing apparatus. Wear chemical protective clothing.

6. Accidental Release Measures

Personal precautions: Avoid raising dust. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment (e.g. disposable gloves, eye protection, dust mask and protective clothing).

Spill: Do not allow product to enter drains. Prevent further spillage if safe. Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal.

7. Handling and Storage

Handling: This product is for laboratory use only and should only be used by suitably trained laboratory personnel. Avoid contact with eyes and skin. Avoid formation of dust. Ensure adequate ventilation of the working area.

Storage: Store at 2-8°C. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Protect from direct sunlight and moisture.

8. Exposure Controls and Personal Protection

Engineering controls: Ensure adequate ventilation of the working area.

Protective measures

- Inhalation: Suitable half mask respirator with filter P3 (EN 143)
- Hands: Chemical resistant gloves (PVC)
- Eyes: Approved safety goggles
- Body: Wear protective clothing

9. Physical and Chemical Properties

Physical form: Lyophilised pellet.

Colour: Off-white.

Odour: Odourless

Flammability: This product is not flammable.

Explosion properties: This product is not explosive.

Solubility: Soluble in specified diluent (50% ethanol)



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10. Stability and Reactivity

Stability: Essentially stable and non-reactive under recommended storage and handling conditions (refer to part 7 of this MSDS).

11. Toxicological Information

Cycloheximide Oral Mouse LD50 = 133mg/kg
Oral Rat LD50 = 2mg/kg

12. Ecological Information

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal Considerations

Dispose of in compliance with all local and national regulations.

14. Transport Regulations

UN number: 2811
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (Cycloheximide)
Class: 6.1
Packing group: II

ADR/RID Hazard ID: 60

IMDG EmS Code: F-A-S-A
Marine pollutant: NO

IATA Packing instruction (Cargo): 615
Maximum quantity: 100kg
Packing instruction (Passenger): 613
Maximum quantity: 25kg

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15. Regulatory Information

Hazard symbol:



T+ - Very Toxic

Risk phrases:	R28	Very toxic if swallowed.
	R52/53	Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
	R61	May cause harm to the unborn child.
	R68	Possible risk of irreversible side effects.
Safety phrases:	S61	Avoid release into the environment. Refer to special instructions/safety data sheets.
	S28	After contact with skin, wash immediately with plenty of soap and water.
	S36/37	Wear suitable protective clothing and gloves.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
	S53	Avoid exposure – obtain special instructions before use.

16. Further Information

Reason for Issue: Revision of hazard, risk phrases, safety phrases and shipping information.

The information contained in this MSDS is based on the present state of our knowledge. It characterises this product with regards to the appropriate safety precaution. It does not represent a guarantee of the properties of this product. Lab M Limited shall not be held liable for any damage resulting from the handling or from contact with this product.