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# Material Safety Data Sheet

Revision Date: 15th-May-2022



## 1. Product and Company Information

Product: *TransSafe*<sup>TM</sup> Mycoplasma Prevention Reagent

Cat. No. FM501-01/02

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## 2. Composition

Chemical Name	CAS No.	Concentration or Concentration Range (w/w %)
Ciprofloxacin 85721-33-1 (0.001-0.05)	85721-33-1	0.001-0.05

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It is recommended to handle all chemicals with caution.

## 3. Hazards Identification

### Health Hazards

H303 May be harmful if swallowed.

### Physical Hazards

No classification.

### Hazard statement

H303 May be harmful if swallowed.

### Precautionary Statements

Not applicable.

### Hazard Symbol

None

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## Signal Word

Warn

## Potential Health Effects

Eyes May cause eye irritation in susceptible persons.

Skin May cause skin irritation in susceptible individuals.

Inhalation May be harmful if inhaled.

Ingestion May be harmful if swallowed.

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## 4. First Aid Measures

Eye contact	Rinse carefully with water for minutes. If contact lenses are worn and can be easily removed, remove the contact lenses and continue to rinse.
Skin contact	Rinse with soap and plenty of water for a few minutes. If you feel unwell, seek medical attention.
Inhalation	If inhaled, remove patient to fresh air. If breathing stops, give artificial respiration and consult a doctor.
Ingestion	Never feed an unconscious person anything. Rinse mouth with water. If you feel unwell, seek medical attention.
Notes to physicians	Treat symptomatically.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media	Water spray, Carbon dioxide (CO <sub>2</sub> ), Foam, Dry powder
Unsuitable extinguishing media	No information available

### Special dangers

Not known

### Firefighters' protective equipment and precautions

Standard procedures for dealing with chemical fires

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## 6. Accidental Release Measures

Personal precautions	Ensure adequate ventilation and always wear personal protective equipment.
Methods for cleaning up	Use inert absorbent material to soak up spill.
Environmental precautions	Do not allow product to enter drains.

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## 7. Handling and Storage

Precautions for safe handling	Always wear recommended personal protective equipment. Avoid breathing vapour, mist or gas. Avoid breathing dust.
Conditions for safe storage	Keep container sealed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with local regulations.
Specific use	For research use only. Not for diagnostic use.

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## 8. Exposure Controls/Personal Protection

### Control parameter

MAC(mg/m <sup>3</sup> )	No standardsavailable
PC-TWA(mg/m <sup>3</sup> )	No standardsavailable
PC-STEEL(mg/m <sup>3</sup> )	No standardsavailable
TLV-C(mg/m <sup>3</sup> )	No standardsavailable
TLV-TWA(mg/m <sup>3</sup> )	No standardsavailable
TLV-STEEL(mg/m <sup>3</sup> )	No standardsavailable

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### Exposure controls

Personal protective equipment	
Respiratory protection	In case of insufficient ventilation, use respirators with their components tested and approved under appropriate government standards

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Hand Protection	Wear impervious Gloves
Eye Protection	Safety glasses with side shields.
Skin and Body Protection	Light protective clothing
Hygiene Measures	Operate in accordance with good industrial hygiene and safety practice
Environmental exposure control	Do not allow product to enter drains.

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## 9. Physical and Chemical Properties

### General Information

Form	Liquid
Solubility in water	Soluble
Others	No data available

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## 10. Stability and Reactivity

Reactivity	Not known
Stability	Stable under normal storage conditions
Hazardous reactions	Hazardous reaction has not been reported.
Possibility of hazardous reactions	Hazardous reaction has not been reported.
Materials to avoid	Strong oxidants
Decomposition products	There are no hazardous decomposition products under normal use.

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## 11. Toxicological Information

### Information on toxicological effects

Acute Toxicity	No data available
Oral-rat LD50 (mg/kg)	> 2000
Dermal-rat LD50 (mg/kg)	No data available
Inhalation-rat LC50 (mg/m <sup>3</sup> )	No data available
Subcutaneous-rat LD50 (mg/kg)	No data available
Intravenous-rat LD50 (mg/kg)	No data available

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Peritoneal cavity-rat LD50 (mg/kg)	No data available
Oral-mouse LD50 (mg/kg)	No data available
Dermal- mouse LD50 (mg/kg)	No data available
Intravenous-mouse LD50 (mg/kg)	No data available
Peritoneal cavity-mouse LD50 (mg/kg)	No data available

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### **Main routes of exposure**

Acute Toxicity	Data are conclusive but insufficient for classification
Skin corrosion/ irritation	Data are conclusive but insufficient for classifications eye irritation
Serious eye damage/irritation	Data are conclusive but insufficient for classification
Respiratory or skin allergy	Data are conclusive but insufficient for classification
Specific target organ toxicity(STOT) – single exposure	Data are conclusive but insufficient for classification
Specific target organ toxicity (STOT) – repeated exposure	Data are conclusive but insufficient for classification
Carcinogenicity	Data are conclusive but insufficient for classification
Germ cell mutagenicity	Data are conclusive but insufficient for classification
Reproductive toxicity	Data are conclusive but insufficient for classification
Aspiration hazard	Data are conclusive but insufficient for classification

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## **12. Ecological Information**

Carcinogenic effects	No data available
Mobility	No data available
In vivo degradation	No data available
Bioaccumulation	No data available

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### 13. Disposal Considerations

Waste should be avoided or minimized as much as possible. Empty containers or liners may retain some product residues. The substance and its container must be disposed of in accordance with approved disposal techniques. The disposal of the product, its solution or any by-products should refer to relevant national and local regulations.

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### 14. Transport Information

Hazard class	No data available
UN number	No data available
Packing group	No data available
Packing method	No data available
Transportation considerations	Package should be intact upon departure. Loading should be handled carefully. During transportation, prevent the containers from leakage, collapse, fall or damage. Transportation combined with oxidants, edible chemicals, etc. is strictly prohibited. It should be protected from exposure to sun light, rain and high temperature during transportation. The vehicle should be thoroughly cleaned after transportation. Road transportation must follow the prescribed route.
Other information	Not classified as dangerous according to shipping regulations.

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### 15. Regulatory Information

The following laws, regulations and standards have made corresponding provisions on the safe use, storage, transportation, loading and unloading, classification and marking of chemicals: The Production Safety Law of the People's Republic of China (adopted at the 27th meeting of the Standing Committee of the Ninth People's Congress on June 29, 2002); The Environmental Protection Law of the People's Republic of China (adopted at the 11th meeting of the Standing Committee of the Seventh National People's Congress on December 26, 1989)

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## 16. Other Information

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation. These recommendations are based on prudent professional judgment. This information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. **Since the Company cannot control the actual methods, quantities, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. The information in this MSDS does not constitute a warranty of marketability or suitability for any particular purpose, expressed or implied.**

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End of Safety Data Sheet