

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: Tosufloxacin
Synonyms:
Company Identification: PI Chemicals Ltd.
Building B, 633 E Shan Road, Pudong New Area
Shanghai 200127, China
Telephone Number: 86-21-58953700
Fax Number: 86-21-58953701

Section 2 - Product Information

Catalog Number: PI-13957
CAS Number: 1100490-36-6 108138-46-1
MDL Number: Not available
Purity: 98%

Section 3 - Physical and Chemical Properties

Physical state: Powder
Color: Off-white
Molecular Formula: C₁₉H₁₅F₃N₄O₃
Molecular Weight: 404.34
Freezing/Melting Point: Not available
Boiling Point: Not available
Flash Point: Not available
Autoignition Temperature: Not available
Refractive Index (nD20): Not available
Density: Not available
Decomposition Temperature: Not available
Solubility: Not available

Section 4 - Hazards Identification

Eye: May cause eye irritation.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Section 5 - First Aid Measures

- Eye:** Flush eyes with water as a precaution.
Skin: Wash off with soap and plenty of water.
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.
Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Section 6 - Stability and Reactivity

- Chemical Stability:** Stable under recommended storage conditions.
Materials to avoid: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon oxides, hydrogen fluorin, nitrogen oxides(Nox).
Hazardous Polymerization: Has not been reported.

Section 7 - Handling and Storage

- Handling:** 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.

Section 8 - Personal Protection

- Eyes:** Wear appropriate protective eyeglasses.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respirators: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Fire and Explosion Hazard Data

- General Information:** As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section 10 - Accidental Release Measures

- General Information:** Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 11 - Toxicological Information

- RTECS#:** CAS#1100490-36-6 108138-46-1: Not available.

LD50/LC50(Tosylate form):

- Mouse[Oral]: >6'000 mg/kg
- Mouse[Intraperitoneal]: >6'000 mg/kg
- Mouse[Intravenous]: 196 mg/kg
- Mouse[Subcutaneous]: >6'000 mg/kg
- Rat[Oral]: >6'000 mg/kg
- Rat[Intraperitoneal]: >6'000 mg/kg
- Rat[Intravenous]: 270 mg/kg
- Rat[Subcutaneous]: >6'000 mg/kg
- Dog[Oral]: >3'000 mg/kg

Carcinogenicity: Tosufloxacin
–Not listed as a carcinogen by ACGIH, IARC, NTP, or OSHA.

Section 12 - Environmental information

Not available

Section 13 - Disposal Consideration

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.

Section 14 - Transport Information

IATA: Not dangerous goods.

IMO: Not dangerous goods.

RID/ADR: Not dangerous goods.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Indication of Danger: Irritant

Safety Phrases:

S 24/25: Avoid contact with skin and eyes.

S 22:Do not breathe dust.

WGK (Water Danger/Protection)

CAS#1100490-36-6 108138-46-1: Not available

U.S.Federal regulation: Not available.

Canada

Section 16 - Additional Information

MSDS Creation Date: 16 August, 2009

Update: 4 July, 2011

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