

1. Chemical Product and Company Identification

MSDS Name: Iron(III) p-Toluenesulfonate, 98.0+%

Company Identification: Watson International Ltd
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2. Composition, Information on Ingredients

Substance: Iron(III) p-Toluenesulfonate

% content: 98.0+

CAS Number: 77214-82-5

EINECS: 420-960-8

Hazard Symbols: Xi

Risk Phrases:

3. Hazards Identification

EMERGENCY OVERVIEW

Potential Health Effects

Harmful in contact with skin and if swallowed. Irritating to eyes.

4. First Aid Measures

Eyes: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: N/A

5. Fire Fighting Measures

General Information: Specific Hazard(s): Emits toxic fumes under fire conditions. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing Media: Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

6. Accidental Release Measures

General Information: Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Spills/Leaks: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Handling: Directions for Safe Handling: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Conditions of Storage: Store in a cool dry place and tightly closed.

8. Exposure Controls, Personal Protection

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment

Eyes: Wear chemical goggles. Wear safety glasses and chemical goggles if splashing is possible.

Skin: Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

9. Physical and Chemical Properties

Physical State:	Solid
Appearance:	Orange crystalline powder
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	N/A
Viscosity:	N/A
Boiling Point:	N/A
Freezing/Melting Point:	N/A
Autoignition Temperature:	N/A
Flash Point:	N/A
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	Not available.
Solubility in water:	soluble
Specific Gravity/Density:	N/A
Molecular Formula:	C ₂₁ H ₂₁ FeO ₉ S ₃
Molecular Weight:	569.43

10. Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Strong oxidants.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Sulfur oxides iron and iron salts.

Hazardous Polymerization: Will not occur

11. Toxicological Information

Acute oral toxicity: LD50=2.35mg/kg (Rat).

12. Ecological Information

No data available.

13. Disposal Considerations

Substance disposal:

Contact a licensed professional waste disposal service to dispose of this material. 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.

14. Transport Information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for road transport.

IATA

Non-hazardous for road transport.

15. Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Risk Phrases: R36/37/38 Irritating to eyes, respiratory system and skin. .

Safety Phrases: S26-36 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

WGK: 1

16. Additional Information

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions of handling, storage and disposal of this product are beyond our control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume full responsibility for loss, injury and expense arising out of product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage use or disposal of this product which may not be covered in this MSDS. The user is responsible for full compliance.