

Material Safety Data Sheet

Section 1: Product and Company Identification

Product Name: 3-Methoxypropionitrile

Manufacturer's Name: .Rorychemical Ltd

Manufacturer's Address: Liangxiang Industry Zone, Zhangdian, Zibo, Shandong,(Zip Code 255000),China

Post: Pudong Avenue 3040 buidling 1, Shanghai,(Zip Code 200072),China

Manufacturer's Country: the People's Republic of China

Emergency Telephone: 0086-13701863355

Section 2: Hazardous Identification

Eyes: No specific hazard known.

Skin: No specific hazard known

Inhalation: Low hazard for usual laboratory handling.

Ingestion: Low hazard for usual laboratory handling.

Chronic: No specific hazard known.

Section 3: Composition/Information on Ingredients

Common Name: 3-Methoxypropionitrile

Chemical Name: 3-Methoxypropionitrile

Molecular Formula: C₄H₇NO

Ingredient CAS Number: 100-67-8

EC Number: 203-790-7

Section 4: First Aid Measure

Eyes: Flush with water, seek medical attention.

Skin: Flush area with water, seek medical attention.

Inhalation: Remove person to fresh air.. Seek medical attention.

Ingestion: Flush mouft out with water. Seek medical attention.

Section 5: Fire Fighting Measure

Flash point –N/A

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Flammable Limits: –N/A

Fire Fighting Procedures: If fire conditions, Fire fighters should use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Clean-up: Sweep up and place in a suitable container, then wash release site

Waste Disposal: Iron sucrose is not considered a hazardous substance.

Section 7: Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing.

Storage: Store in a cool, well-ventilated area. Keep away from ignition sources heat and flame. Store in a tightly closed container. Incompatibilities: oxidants and food

Section 8: Exposure Controls, Personal protection

Ventilation: None needed.

Explosion Hazards: N/A

Personal Protection: Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact.

Section 9: Physical and Chemical Properties

Physical State: liquid

Solubility: N/A

Boiling Point: 165.5°C (101.7kPa)

Melting Point: N/A

Freezing Point: N/A

Optical (Specific) Rotation: N/A

Crystallinity: N/A

Particle Size: N/A

Section 10: Stability and Reactivity

Stability: Stable

Condition to avoid: Keep away from direct sunlight, heat, dampness place.

Hazardous Polymerization: will not occur

Materials to Avoid: Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide.

Section 11: Toxicological Information

RTECS#: CAS# 110-67-8: TZ4870000

RTECS:

CAS# 110-67-8: Oral, mouse: LD50 = 3200 mg/kg;

LD50/LC50: Oral, rat: LD50 = 4390 mg/kg;

Skin, rabbit: LD50 = >10 mL/kg;

Section 12: Ecological Information

Not available

Section 13: Disposal Information

General Information: Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

	IATA	IMO	RID/ADR
Shipping Name:	Not regulated as a hazardous material	Not regulated as a hazardous material	Not regulated as a hazardous material
Hazard Class:			
UN Number:			
Packing Group			

Section 15: Regulatory Information

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

Section 16: Other Information

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