

## Material Safety Data Sheet

### Section 1 - Chemical Product and Company Identification

**MSDS Name:** 5-Methoxyisoxazol-3-amine  
**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-34618  
**CAS Number:** 32326-25-3  
**MDL Number:** Not available  
**Purity:** 97%

### Section 3 - Physical and Chemical Properties

**Physical state:** Solid  
**Color:** Light yellow to brown  
**Molecular Formula:**  $C_4H_6N_2O_2$   
**Molecular Weight:** 114.1  
**Freezing/Melting Point:** 73.5-79.0 °C  
**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:** Causes eye irritation.  
**Skin:** May be harmful if absorbed through skin. Causes skin irritation.  
**Ingestion:** May be harmful if swallowed.  
**Inhalation:** May be harmful if inhaled.

## **Section 5 - First Aid Measures**

- Eye:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Skin:** Wash off with soap and plenty of water. Consult a physician.
- Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

## **Section 6 - Stability and Reactivity**

- Chemical Stability:** Stable under recommended storage conditions.
- Conditions to Avoid:** Not available.
- Hazardous Decomposition Products:** Carbon oxides, nitrogen oxides(Nox).
- Hazardous Polymerization:** Has not been reported.

## **Section 7 - Handling and Storage**

- Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols.  
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. Keep in a dry, cool place.  
Light sensitive/ + 4 °C.

## **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# 32326-25-3: Not available.  
**LD50/LC50:** RTECS # Not available.  
**Carcinogenicity:** 5-Methoxyisoxazol-3-amine  
–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 available.  
**IMO:** Not available.  
**RID/ADR:** Not available.

## **Section 15 - Regulatory Information**

Hazard Symbols: Xi

Indication of Danger: Irritant

Risk Phrases:

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

Safety Phrases:

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

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

## **Section 16 - Additional Information**

**MSDS Creation Date:** 20 August, 2009  
**Update:** 26 May, 2011

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