

Material Safety Data Sheet (MSDS) - Acetonitrile

Company Name: Loki Industries



1. Identification:

- Chemical Name: Acetonitrile
- CAS Number: 75-05-8
- Synonyms: Methyl cyanide, Ethanenitrile
- Uses: Solvent, chemical intermediate, pharmaceutical applications

2. Hazard Identification:

- Hazard Class: Highly Flammable Liquid (Category 2), Acute Toxicity (Category 4)
- Health Hazards: Harmful if inhaled, causes skin and eye irritation, may damage organs through prolonged exposure
- Precautionary Measures: Keep away from heat, sparks, open flames, and hot surfaces; use protective equipment

3. Composition/Information on Ingredients:

- Chemical Formula: C_2H_3N
- Concentration: 100%

4. First-Aid Measures:

- Inhalation: Move to fresh air; seek medical attention if symptoms persist
- Skin Contact: Wash with soap and water
- Eye Contact: Rinse cautiously with water for several minutes
- Ingestion: Do not induce vomiting; seek medical help immediately

5. Fire-Fighting Measures:

- Extinguishing Media: Dry chemical, CO_2 , alcohol-resistant foam
- Hazards: Vapors may form explosive mixtures with air, toxic fumes may be released when burning
- Protection: Wear self-contained breathing apparatus (SCBA)

6. Accidental Release Measures:

- Personal Protection: Wear gloves, goggles, and protective clothing
- Spill Response: Absorb with inert material; ventilate area

7. Handling and Storage:

- Handling: Use in well-ventilated areas; avoid ignition sources
- Storage: Keep in a cool, dry place in a tightly closed container

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