
Section 1 - Chemical Product and Company Identification

Product Name Tetrahydrofuran (THF) (Stabilized) pure, 99.5%
Product Code B-02652A
CAS No 109-99-9
Use for Laboratory Chemicals.
Company Name BIO-CHEM Chemical
Address 5455 Nicholson Road, Science Market
Ambala Cantt, 133001- Haryana
+9182952 41953
info@biofinechemical.com - www.biofinechemical.com

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name	%	EINECS#
109-99-9	Tetrahydrofuran	<=100	203-726-8

No components need to be disclosed according to the applicable regulations.

Section 3 - Hazards Identification

Risk advice to man and the environment

Toxic if swallowed. Very toxic in contact with skin. Irritating to eyes, respiratory system and skin.

Section 4 - First Aid Measures

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin: Wash off with soap and plenty of water. Take victim immediately to hospital. 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.

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

Notes to Physician:

Section 5 - Fire Fighting Measures

Extinguishing Media

Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective

Equipment For Firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 - Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing dust.
Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not
let product enter drains.

Methods for cleaning up: Pick up and arrange disposal without creating dust. Keep in suitable, closed
containers for disposal.

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: Room Temperature. Keep container tightly closed in a dry and well-ventilated place.

Section 8 - Exposure Control / Personal Protection

Personal Protective Equipment

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a
full-face particle respirator type N99 (US) or type P2 (EN 143) respirator
cartridges as a backup to engineering controls. If the respirator is the sole
means of protection, use a full-face supplied air respirator. Use respirators
and components tested and approved under appropriate government standards
such as NIOSH (US) or CEN (EU).

Hand Protection: The selected protective gloves have to satisfy the specifications of EU Directive
89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye Protection: Safety glasses

Skin and body protection: Choose body protection according to the amount and concentration of the
dangerous substance at the work
place.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and
immediately after handling the product.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Molecular Formula: C_4H_8O

Molecular Weight: 72.11

Melting point: $-108.44^{\circ}C (-163.19^{\circ}F)$ at 1,013.25 hPa (760.00 point mmHg)

Boiling Point: $65.0 - 67.0^{\circ}C (149.0 - 152.6^{\circ}F)$ at 1,013.25 hPa (760.00 mmHg)

Flash Point: $-17.0^{\circ}C (1.4^{\circ}F)$ - closed cup

Section 10 - Stability and Reactivity

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents

Hazardous decomposition

Products formed under fire

conditions. - Carbon oxides

Section 11 - Toxicological Information

Acute toxicity: LD50 Oral - Rat - male and female - 1,650 mg/kg

LC50 Inhalation - Rat - 6 h - 14.7 mg/l

LD50 Dermal - Rat - > 2,000 mg/kg

Irritation and corrosion: No data available

Sensitisation: No data available

Chronic exposure: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs And Symptoms

Of Exposure: No data available

Route Of Exposure

Inhalation: No data available

Skin : No data available

Eyes: No data available

Ingestion: No data available

Section 12 - Ecological Information

No data available

Section 13 - Disposal Considerations

Product: Observe all federal, state, and local environmental regulations. 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.

Contaminated packaging: Dispose of as unused product.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Tetrahydrofuran		
Hazard Class:	3	3	3
UN Number:	2056	2056	2056
Packing Group:	II	II	II

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.