

Material Safety Data Sheet

1,3-Diacetoxypropane

1: IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Chemical Name 1,3-Diacetoxypropane
Synonyms Trimethylene acetate
Supplier Zouping Mingxing Chemical Co., Ltd.
No 428 Daixi Third Road Zouping County
Shandong Province, China
Sales Telephone: 0086-543-8179931 13605431940
Emergency Telephone Number: (978) 521-6300; CHEMTREC: (800) 424-9300
Alternative Names 1,3-Propanediol diacetate

2: COMPOSITION AND INFORMATION ON COMPONENTS

Name 1,3-Diacetoxypropane
Purity 98.50%
CAS No. 628-66-0 **EINECS No.** Not listed **EEC**

3: HAZARDS IDENTIFICATION

Designation FLAMMABLE
Risk Phrases R10 Flammable.

4. FIRST AID MEASURES

Inhalation Remove to fresh air. Seek medical advice if symptoms persist.
Eye Contact Flush with copious amounts of water for at least 15 minutes.
Skin Contact Wash affected area with soap and water. Rinse thoroughly.
Ingestion Rinse out mouth and drink lots of water. If unusual symptoms are observed, seek medical

5: FIRE FIGHTING MEASURES

Extinguishing Medium

Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

Hazardous Products of Combustion may include:

carbon monoxide, carbon dioxide.

6: ACCIDENTAL RELEASE MEASURES

Personal Protection

Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.

Environmental Protection

Take precautions to ensure product does not contaminate the ground or enter the drainage system.

Collection

Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

7: HANDLING AND STORAGE

Handling	Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in
Storage	Store in tightly sealed containers in a cool place. Protect from moisture.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory	Avoid inhalation of product. Handle in an efficient fume hood or equivalent
Eye	Avoid eye contact. Wear safety spectacles or goggles.
Hands and Body	Avoid skin contact. Wear rubber gloves and protective clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid		
Physical Constants	b.p. 209-210		
Molecular formula	C ₇ H ₁₂ O ₄	Formula Wt.	160.17
Water solubility	V sol	Density	Not
Flash Point	Not available		

10: STABILITY AND REACTIVITY**Specific Hazard**

Incompatibilities	Strong oxidising agents.
Decomposition	Hazardous products of decomposition may include: carbon monoxide, carbon dioxide.

11: TOXICOLOGICAL INFORMATION

RTECS No.	Not listed
Acute Toxicity	LD50:Nodata

12: ECOLOGICAL EFFECTS

General Take care to prevent chemicals from entering the ground, water courses or drainage systems.

13: DISPOSAL CONSIDERATIONS

Disposal Disposal should be via an approved contractor and should take full account of local regulations.

14: TRANSPORT INFORMATION

UN Number	1993		
Land Transport	ADR/RIC Code/Class	3.3	Packing Group III
Maritime Transport	IMDG Code/Class	3.3	Packing Group III
Air Transport	IATA Code/Class	3.3	Packing Group III

15: REGULATORY INFORMATION

CAS No.	628-66-0	EINECS No.	Not listed	EEC No.		UN No.	1993	RTECS No.	Not listed
Hazard Indication	FLAMMABLE								
Risk & Safety Phrases	Flammable. Keep away from sources of ignition - No Smoking. Keep container tightly closed in a cool, well-ventilated place. Do not empty into drains.								

Take precautionary measures against static discharges.

TSCA

Not listed. For research and development use only.

16: OTHER INFORMATION

It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.