



MSDS for (1,1-Bis(hydroxymethyl)cyclopropane)

**** MATERIAL SAFETY DATA SHEET ****

Section 1 - Chemical Product and Company Identification

MSDS Name	1,1-Bis(hydroxymethyl)cyclopropane		
Catalog Numbers	167365		
Synonyms	CYCLOPROPANEDIMETHANOL		
Company Identification	J&K SCIENTIFIC LTD. 18AEF, Building-D, Majestic Garden 6 Bei-Si-Huan-Zhong Road Beijing China 100029		
For information, call	North America:	(435)-753-1901	
	China:	(86 10) 82848833	
For emergencies, call	North America:	(800) 424-9300	
	China:	(86 532) 3889090, (86 532) 3889191	

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#
39590-81-3	1,1-Bis(hydroxymethyl)cyclopropane	98%	Unlisted

Haz Symbols: XI



Risk Phrases: 36

Section 3 - Hazards Identification EMERGENCY OVERVIEW

Irritating to eyes.

POTENTIAL HEALTH EFFECTS

Eye	Causes eye irritation.
Skin	May cause skin irritation.
Ingestion	May be harmful if swallowed.
Inhalation	Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Chronic	



Section 4 - First aid Measures

Eyes	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
Skin	In case of contact, immediately wash skin with soap and copious amounts of water.
Ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician	

Section 5 - Fire Fighting Measures

General Information	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Extinguishing Media	Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Section 6 - Accidental Release Measures

General Information	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
Spills/Leaks	Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling	Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
Storage	Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls	Mechanical exhaust required. Safety shower and eye bath.
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PERSONAL PROTECTIVE EQUIPMENT

Eyes	Wear chemical safety goggles.
Skin	Wear compatible chemical-resistant gloves.
Clothing	Wear appropriate protective clothing to prevent skin exposure.



Respirators Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Section 9 - Physical and Chemical Properties

Physical State	Liquid
Color	Colorless to yellow
Odor	Not available
pH	Not available
Vapor Pressure	Not available
Viscosity	Not available
Boiling Point	235-236 °C
Freezing/Melting Point	Not available
Autoignition Temperature	Not available
Flash Point	110 °C
Explosion Limits, lower	Not available
Explosion Limits, upper	Not available
Decomposition Temperature	Not available
Solubility in water	Not available
Specific Gravity/Density	1.065 g/cm ³
Molecular Formula	C ₅ H ₁₀ O ₂
Molecular Weight	102.13

Section 10 - Stability and Reactivity

Chemical Stability	Stable.
Conditions to Avoid	Incompatible materials.
Incompatibilities with Other Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11 - Toxicological Information

RTECS#	CAS# 39590-81-3: None listed.
LD50/LC50	Not available.
Carcinogenicity	1,1-Bis(hydroxymethyl)cyclopropane - ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans IARC: Group 3 (not



classifiable)

Other:

Section 12 - Ecological Information

Not available.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not available	Not available	Not available
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

European/International Regulations

Hazard Symbols: Xi

Risk Phrases:

R 36 Irritating to eyes.

Safety Phrases:

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

S 36 Wear suitable protective clothing.

WGK (Water Danger/Protection)

CAS# 39590-81-3: 3.

Canada

US Federal

TSCA

Section 16 - Additional Information

MSDS Creation Date	22/09/2009
Revision #1 Date	Original

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