



MATERIAL SAFETY DATA SHEET

Product: 70-4836

Mobile Phase Acid Metabolites B

DIONEX Corporation
1228 Titan Way
P.O. Box 3603
Sunnyvale, California 94088-3603

Emergency Phone: 1-800-424-9300 (CHEMTREC)
Information Phone: (408) 737-0700
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The following information is believed to be accurate and is currently the best information available to us. However, we make no warranties, express or implied, with respect to the information supplied and we assume no liability resulting from its use.

2. HAZARDOUS IDENTIFICATION

HAZARD CLASS	Irritant		NFPA	HMIS
Eyes:	Irritant	HEALTH	2	3
Skin:	Irritant	FLAMMABILITY	3	3
Ingestion:	Irritant	REACTIVITY	0	0
Inhalation:	Irritant	NFPA SPECIAL HMIS PPE	-	-

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	Methanol	Sodium Phosphate Monobasic Monohydrate
PERCENT (%)	43.5	< 1.0
CAS NO.	CAS # 00067-56-1	CAS # 10049-21-5
EINECS NO.	200-659-6	No information found
RISKS	R11, R23/24/25, R29	R36/37/38
SAFETY	S7, S36/37, S45	S24/25, S36/37/39



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4. FIRST AID MEASURES

- GENERAL:** Remove contaminated clothing, wash thoroughly before reuse.
- EYES:** Flush with water for at least 15 minutes occasionally raising upper and lower eyelids.
- SKIN:** Remove contaminated clothing and flush with water thoroughly
- INHALATION:** Vapors may be irritating to respiratory system.
- INGESTION:** If large amounts are swallowed, get medical help immediately.

5. FIRE FIGHTING MEASURES

- UNUSUAL FIRE AND EXPLOSION:** Not Applicable
- HAZARDS:** Not Applicable
- EXTINGUISHING MEDIA:** Not combustible
- SPECIAL FIRE FIGHTING PROCEDURES:** Although the product is not combustible, firefighters subject to products of combustion should wear full-protective clothing including self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

- Ventilate area.
Wear appropriate protective clothing and eye protection.
Contain spill, neutralize with sodium carbonate. Scoop up and store in a suitable waste container.
Wash contaminated areas with soap and water.

7. HANDLING AND STORAGE

- Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.



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8. EXPOSURE CONTROL/PERSONAL PROTECTION

ROUTES OF ENTRY

INHALATION: Yes

SKIN: Yes

INGESTION: Yes

HEALTH HAZARDS

ACUTE: May cause irritation to eyes, skin, and respiratory tract.

CHRONIC: Possible risks of irreversible effects. Inhalation, ingestion, or skin absorption of methanol can cause blindness. Repeated or prolonged exposure may cause central nervous system damage.

VENTILATION

LOCAL EXHAUST: Good laboratory ventilation is acceptable.

MECHANICAL (GENERAL): Use in hoods if possible

SPECIAL: None

OTHER: None

PROTECTIVE CLOTHING OR EQUIPMENT

GLOVES: Disposable laboratory gloves are adequate

EYE PROTECTION: Glasses or goggles.

RESPIRATORY: None

OTHER: Lab coats

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colorless liquid

ODOR: Slight odor

pH: 3.1

MOLECULAR WEIGHT: Not Determined (mixture)

MELTING POINT: Not Applicable (liquid)

BOILING POINT: Not Determined

AUTOIGNITION TEMPERATURE: Not Determined

FLASH POINT: 26 °C

LOWER EXPLOSION LIMIT: Not Determined

UPPER EXPLOSION LIMIT: Not Determined

SPECIFIC GRAVITY: Not Determined



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10. STABILITY & REACTIVITY

STABILITY/CONDITIONS TO AVOID: This is a stable chemical

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon

HAZARDOUS POLYMERIZATION: Not Applicable

11. TOXICOLOGY INFORMATION

PRODUCT TOXICOLOGY INFORMATION:

SYMPTOMS AND SIGNS OF EXPOSURE: May cause nose and throat irritation, asphyxiation, nausea, chest pain, convulsions and liver, kidney damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Central nervous system. Gastrointestinal tract. Preexisting eye disorders. Skin disorders.

EMERGENCY AND FIRST AID PROCEDURES: In case of contact, wash skin with copious amounts of water.
Flush eyes with copious amounts of water for at least 15 minutes.
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Submit to medical examination.

CARCINOGENICITY: Not Applicable

RTECS #: PC1400000 (methanol)

ACGIH TLV TWA: No data found

OSHA PEL: 260 mg/m³ TWA

NTP: No data found

IARC Monographs: No data found

HAZARDOUS COMPONENT TOXICOLOGY INFORMATION:

Hazardous Components:	Methanol
RTECS #	PC1400000
OSHA PEL	260 mg/m ³ TWA
ACGIH TLV	No Data
TOXICITY DATA	No Data



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12. ECOLOGICAL INFORMATION

No information is found on environmental toxicity for this compound.

13. DISPOSAL CONSIDERATIONS

Contact local hazardous materials or chemical waste disposal agency for regulations.

14. TRANSPORT INFORMATION

USDOT CLASSIFICATION :

UN ID NUMBER: UN 1993
PROPER SHIPPING NAME: Flammable liquid, n.o.s. (methanol solution)
CLASS OR DIVISION: 3
SUB RISK:
HAZARD LABEL(S): Flammable Liquid
PACKAGING GROUP: PG II
LIMITED QUANTITY PASSENGER AIRCRAFT/RAIL: 5 L
MAXIMUM LIMITED QUANTITY CARGO AIRCRAFT: 60 L

IATA CLASSIFICATION:

UN ID NUMBER: UN 1993
PROPER SHIPPING NAME: Flammable liquid, n.o.s. (methanol solution)
CLASS OR DIVISION: 3
SUB RISK:
HAZARD LABEL(S): Flammable Liquid
PACKAGING GROUP: PG II
LIMITED QUANTITY PKG INSTRUCTION: Y341
MAXIMUM LIMITED QUANTITY: 1 L
SPECIAL PROVISIONS: None
ERG CODE: 3H

15. REGULATORY INFORMATION

PRODUCT RISK STATEMENTS: R11, R23/24/25, R29, R36/37/38
PRODUCT SAFETY STATEMENTS: S7, S36/37, S45, S24/25, S36/37/39

16. OTHER INFORMATION