



MATERIAL SAFETY DATA SHEET

Product:
035361 Hexanesulfonic Acid (HSA), 500 mL

MPIC-CR1

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
Date Prepared: 8/12/2010

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	Corrosive		NFPA	HMIS
Eyes:	Corrosive	HEALTH	2	2
Skin:	Corrosive	FLAMMABILITY	0	0
Ingestion:	Corrosive	REACTIVITY	0	0
Inhalation:	Corrosive	NFPA SPECIAL	-	-
		HMIS PPE		

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	Water	Hexane sulfonic Acid
PERCENT (%)	98.3	1.7
CAS NO.	7732-18-5	13595-73-8
EINECS NO.	231-791-2	220-601-3
RISKS		R20/22, R36
SAFETY		S20, S26, S36/37/39, S45



MATERIAL SAFETY DATA SHEET

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:** Move to fresh air
- INGESTION:** If large amounts are swallowed, get medical help immediately. If patient is conscious, give large quantities of water

5. FIRE FIGHTING MEASURES

- UNUSUAL FIRE AND EXPLOSION:** Not Applicable
- HAZARDS:** Corrosive
- EXTINGUISHING MEDIA:** Not Applicable
- SPECIAL FIRE FIGHTING PROCEDURES:** Not Applicable

6. ACCIDENTAL RELEASE MEASURES

- Ventilate area.
- Wear appropriate protective clothing and eye protection.
- Contain spill.
- Collect or absorb with an inert material (vermiculite, dry sand, earth, etc.)
- Mop up and store in a suitable waste container.
- Wash contaminated areas with soap and water.

7. HANDLING AND STORAGE

- Ensure good ventilation.
- Have an eye wash in the immediate area in case of emergency.
- Store at room temperature
- Keep container tightly closed
- Use good laboratory practice when working with any chemical whether it is considered hazardous or not.



MATERIAL SAFETY DATA SHEET

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ROUTES OF ENTRY

INHALATION: No
SKIN: Yes
INGESTION: Yes

HEALTH HAZARDS

ACUTE: May cause irritation of eyes and mucous membranes
CHRONIC: Unknown

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
ODOR: None
pH: 1
MOLECULAR WEIGHT: 166.22 (Hexanesulfonic acid)
MELTING POINT: Not Applicable
BOILING POINT: Unavailable
AUTOIGNITION TEMPERATURE: Not Applicable
FLASH POINT: Not Applicable
LOWER EXPLOSION LIMIT: Undetermined
UPPER EXPLOSION LIMIT: Undetermined
SPECIFIC GRAVITY: Approximately 1



MATERIAL SAFETY DATA SHEET

10. STABILITY & REACTIVITY

STABILITY/CONDITIONS TO AVOID: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Water-reactive materials, Strong bases,

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Not Applicable

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGY INFORMATION

PRODUCT TOXICOLOGY INFORMATION:

SYMPTOMS AND SIGNS OF EXPOSURE: May cause minor soreness or redness of eyes or mucous membranes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown

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: No data found

RTECS #: No data found

ACGIH TLV TWA: No data found

OSHA PEL: No data found

NTP: No data found

IARC Monographs: No data found

HAZARDOUS COMPONENT TOXICOLOGY INFORMATION:

Hazardous Components:	Water	Hexane sulfonic Acid
RTECS #	ZC0110000	Not Found
OSHA PEL	Not Found	Not Found
ACGIH TLV	Not Found	Not Found
TOXICITY DATA	None	None



MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

No information is found on environmental toxicity for this solution

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

IATA CLASSIFICATION: IATA Dangerous Goods

UN ID NUMBER: UN 3265
PROPER SHIPPING NAME: Corrosive liquid, acidic, organic, n.o.s. (hexanesulfonic acid)
CLASS OR DIVISION: 8
SUB RISK: None
HAZARD LABEL(S): Corrosive
PACKAGING GROUP: PG III
LIMITED QUANTITY PKG INSTRUCTION: Y818
MAXIMUM LIMITED QUANTITY: 1 L
SPECIAL PROVISIONS: None
ERG CODE: 8L

15. REGULATORY INFORMATION

PRODUCT RISK STATEMENTS: R36/38 Irritating to eyes and skin
PRODUCT SAFETY STATEMENTS: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 After contact with skin, wash immediately with plenty of water

16. OTHER INFORMATION