

Safety Data Sheets

Product:

056937	AS14A Eluent Concentrate; Sodium Carbonate/Bicarbonate
057560	AS14A Eluent Concentrate; Sodium Carbonate/Bicarbonate Concentrate, 100 mL
057557	AS14A Eluent Concentrate, 100 mL, Pkg of 4
057068	DX-80 Anion-1 Reagent Start-up Kit

Thermo Fisher Scientific
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: 12/23/2011

For laboratory use

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	Not Hazardous	NFPA
Eyes:	Mild Irritant	HEALTH 0
Skin:	Not hazardous	FLAMMABILITY 0
Ingestion:	Not hazardous	REACTIVITY 0
Inhalation:	Not an inhalation hazardous	

GHS Label Elements: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	Water	Sodium Carbonate	Sodium Bicarbonate
PERCENT (%)	90.7	8.5	0.8
CAS NO.	7732-18-5	497-19-8	144-55-8
EINECS NO.	231-791-2	205-633-8	207-838-8
RISKS	Data not available	R20/22, R36	Data not available

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Dionex Products

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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 skin 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

Hazardous Combustion Products: Data not available

Extinguishing Media: Data not available

Special Protective Actions For Fire Fighters: Data not available

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.

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: Data not available

Ventilation

LOCAL EXHAUST: Good laboratory ventilation is acceptable.

MECHANICAL (GENERAL): Use in hoods if possible

SPECIAL: Data not available

OTHER: Data not available

Protective Clothing Or Equipment

GLOVES: Disposable nitrile gloves

EYE PROTECTION: Safety glasses or goggles.

RESPIRATORY: Data not available

OTHER: Lab coats

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear

ODOR: None

pH: 10

MOLECULAR WEIGHT: Data not available

MELTING POINT: Data not available

BOILING POINT: Approximately 100 degrees C

AUTOIGNITION TEMPERATURE: Data not available

FLASH POINT: Not combustible

LOWER EXPLOSION LIMIT: Data not available

UPPER EXPLOSION LIMIT: Data not available

SPECIFIC GRAVITY: Approximately 1

SOLUBILITY: Data not available

FREEZING POINT: Data not available

EVAPORATION RATE: Data not available

FLAMMABILITY: Not combustible

VAPOR PRESSURE: Data not available

VAPOR DENSITY: Data not available

DECOMPOSITION TEMPERATURE: Data not available

VISCOSITY: Data not available

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10. STABILITY & REACTIVITY

STABILITY/CONDITIONS TO AVOID:	Stable
INCOMPATIBILITY (MATERIALS TO AVOID):	Water-reactive materials
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Toxic oxides of carbon
HAZARDOUS POLYMERIZATION:	Will not occur

11. TOXICOLOGY INFORMATION

PRODUCT TOXICOLOGY INFORMATION:

Acute toxicity:	May cause minor soreness or redness of eyes or mucous membranes.
Skin corrosion/irritation:	Data not available
Serious eye damage/irritation:	
Respiratory or skin sensitization:	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.
Germ cell mutagenicity:	Data not available
Carcinogenicity:	Data not available
Reproductive toxicity:	Data not available
STOT-single exposure:	Data not available
STOT-repeated exposure:	Data not available
Aspiration hazard:	No
Likely routes of exposure:	Ingestion, skin
OSHA PEL:	Data not available
NTP:	Data not available
IARC Monographs:	Data not available
ACGIH TLV TWA:	Data not available
OSHA PEL:	Data not available
NTP:	Data not available
IARC Monographs:	Data not available

HAZARDOUS COMPONENT TOXICOLOGY INFORMATION:

Hazardous Components:	Water	Sodium Carbonate	Sodium Bicarbonate
RTECS #	ZC0110000	VZ4050000	VZ0950000
OSHA PEL	Not Found	Not Found	Not Found
ACGIH TLV	Not Found	Not Found	Not Found
TOXICITY DATA	None	SKN-RBT 500 MG/24H MOD None	SKN-HMN 30 mg/3D-I MLD ORL-RAT LD50: 4220 mg/kg

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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

USDOT: Not Regulated

IMO/IMDG : Not Regulated

IATA CLASSIFICATION: Not Regulated

Not environmentally hazardous

15. REGULATORY INFORMATION

No other regulatory information available

16. OTHER INFORMATION

PRODUCT RISK STATEMENTS: R20/22, R36

PRODUCT SAFETY STATEMENTS: S22, S26, S36/37/39, S45

No changes from previous versions of this document.

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