

## Safety Data Sheets

Safety

## Product:

064161 AS23 Eluent Reagent; Sodium Carbonate/Bicarbonate Concentrate,

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:	Mild Irritant	FLAMMABILITY 0
Ingestion:	Not hazardous	REACTIVITY 0
Inhalation:	Not an inhalation hazardous	

**GHS Label Elements:**

Caution

Irritant

H315+H320: Causes skin and eye irritation

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS COMPONENTS	Water	Sodium Carbonate	Sodium Bicarbonate
PERCENT (%)	94.5	4.8	0.7
CAS NO.	7732-18-5	497-19-8	144-55-8
EINECS NO.	231-791-2	207-838-8	205-633-8
RISKS	Data not available	R20/22, R36	Data not available
SAFETY	Data not available	S22, S26, S36/37/39, S45	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.

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## 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

**VISCOOSITY:** 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:**

<b>Hazardous Components:</b>	<b>Water</b>	<b>Sodium Carbonate</b>	<b>Sodium Bicarbonate</b>
<b>RTECS #</b>	ZC0110000	VZ4050000	VZ0950000
<b>OSHA PEL</b>	Not Found	Not Found	Not Found
<b>ACGIH TLV</b>	Not Found	Not Found	Not Found
<b>TOXICITY DATA</b>	None	SKN-RBT 500 MG/24H MOD ORL-RAT LDLO: 4000 MG/KG	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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