

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/ MIXTURE AND THE COMPANY/ UNDERTAKING

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)
+1-703-527-3887 (INTERNATIONAL)
Information Phone: (408) 737-0700
Date Revised: 5/20/2015

For laboratory use.

2. HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture:



GHS07 Irritant

Signal Word:

Warning

Hazard Statements:

No data available.

Potential Health Effects:

Eyes: May cause irritation.
Skin: Data not available.
Inhalation: May cause irritation to the respiratory system.
Ingestion: May be harmful if swallowed.

Precautionary Statements:

No data available.

CLP/GHS CLASSIFICATION (1272/2008):

Not classified as dangerous.

EU CLASSIFICATION (67/548/EEC):

Not classified as dangerous.

GHS Label Elements:



Warning! Contains Sodium Carbonate and Sodium Bicarbonate

Other Hazards:

None

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Dionex Products

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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 |

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, skin 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

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VISCOSITY: Data not available
SOLUBILITIES: Data not available
PARTITION COEFFICIENT: Data not available

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: Data not available
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.
- Get medical attention.

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

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 | SKN-HMN 30 mg/3D-I MLD |
| | None | ORL-RAT LDLO: 4000 MG/KG | ORL-RAT LD50: 4220 mg/kg |

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12. ECOLOGICAL INFORMATION

Data not available on environmental toxicity for this solution.

13. DISPOSAL CONSIDERATIONS

Dispose of according to local, state and federal regulations.

Not a marine pollutant.

14. TRANSPORT INFORMATION

USDOT CLASSIFICATION:

Not Regulated

IATA CLASSIFICATION:

Not Regulated

IMO/IMDG CLASSIFICATION:

Not Regulated

Not a marine pollutant.

15. REGULATORY INFORMATION

No other regulatory information available.

16. OTHER INFORMATION

PRODUCT RISK STATEMENTS:

R20/22 Harmful by inhalation / harmful if swallowed.

R36 Irritating to eyes.

PRODUCT SAFETY STATEMENTS:

S22 Do not breathe the dust.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing/ gloves/ eye and face protection.

S45 In case of accident or if you feel unwell seek medical advice immediately

This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System for the Classification and Labeling of Chemicals (GHS). It complies with the requirements of the Canadian Controlled Products Regulations and US 29CFR 1910.1200. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries makes any warranty of Merchantability or any other warranty, expressed or implied, which respect to such information, and we assume no liability resulting from its use. In no event shall Thermo Fisher Scientific be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages resulting from use of or reliance upon this information.

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