

Material Safety Data Sheet

Version No.: 1.0(Rev.date 2012-09-10)

3M Sodium acetate(pH5.2)

1. Product and Company Information

Product Name : 3M Sodium acetate(pH 5.2)

Recommended Use : For Research Use Only

Supply Information

 Company : Bioneer Address : 8-11 Munpyeongseo-ro, Daedeok-gu, Daejeon 34302, Republic of Korea Emergency telephone number : 82-42-930-8777

2. Hazards Identification

GHS-Classification

Classification of the hazardous chemical

Skin corrosion/skin irritation : Category 2

Label elements, including precautionary statements

Pictogram



Signal word Warning

Hazard statements

H315 Causes skin irritation. H319 Causes serious eye irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash... thoroughly after handling.

P271 Use only outdoor or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

3. Composition/Information on ingredients

Chemical name	Synonyms	CAS No.	Weight(%)
Sodium acetate		127-09-3	10~35%
Acetic acid		64-19-7	5~15%
Water		7732-18-5	>50%

4. Compositon/Information on ingredients

- . Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes.
- . Skin Contact : Rinse thoroughly with plenty of water for at least 15 minutes.
- . Inhalation : Move to fresh air. If breathing is difficult, give oxygen.
- . Ingestion : Rinse around the mouth with water.
- . The most important acute and delayed symptoms/effects : Not information available
- . Notes to Physician : Not information available.

5. Fire-fighting measures

- . Suitable Extinguishing Media : Water-spray, Dry chemical, CO2.
- . Flammable Properties : No information available.
- . Protective Equipment and Precautions for Firefighters : As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

6. Accidental release measures

- . Personal Precautions : Wear respirator,safety goggles,boots,thick gloves.
- . Environmental precautions : Absorb the sand or vermiculite. Store in a sealed container for disposal.
- . Methods for cleaning up : Cover with dry limbs or soda ash. Wash contaminated area.

7. Handling and Storage

- . Handling : Do not breathe vapours. Keep away from contact with eye,skin,cloth.
- . Storage : Store at room temperature.

8. Exposure control/personal protection

- . Chemical exposure limits, biological exposure limits etc. : No data available
- . Engineering Measures : No data available.
- . Personal Protective Equipment
 - Respiratory Protection : Wear respiratory mask approved by KOSHA(Korea Occupation Safety Health Agency).
 - Eye/Face Protection : Wear Chemical Safety protective goggle or glasses approved by KOSHA(Korea Occupation Safety Health Agency).
 - Skin Protection : Wear Chemical Safety gloves approved by KOSHA(Korea Occupation Safety Health Agency).

Body Protection : Wear protective clothes approved by KOSHA(Korea Occupation Safety Health Agency).

9. Physical and chemical properties

- . Appearance : Liquid, transparent
- . Odor : No data available
- . Odor threshold : No information available
- . pH : No information available
- . Melting point/Freezing point : No information available
- . Initial boiling point/range : No information available
- . Flash point : No information available
- . Evaporation rate : No information available
- . Flammability (Solid,Liquid) : No information available
- . Flammability Limits upper/lower : No information available
- . Vapor pressure : No information available
- . Solubility : No information available
- . Vapor density : No information available
- . Viscosity : No information available
- . n octanol/water : No information available
- . Autoignition temperature : No information available
- . Decomposition temperature : No information available
- . Specific gravity : No information available
- . Molecular weight : No information available

10. Stability and Reactivity

- . Stability : Stable under recommended storage conditions.
- . Possibility of harmful response : No information available
- . Conditions to avoid (electric discharge, impact, vibration etc) : No information available
- . Material to avoid : No information available
- . Hazardous Decomposition Products : Carbon oxides, Carbon dioxides, Nitrogen oxides

11. Toxicological information

- . Principle routes of exposure
 - Respiratory : No information available
 - Dermal : No information available
 - Eye/Skin : No information available
- . Health effects
 - Acute toxicity : No data available

- Skin corrosive or irritant : Can be skin irritation.
 - Serious eye damage or irritant : Can be eye irritation.
 - Respiratory irritability : No data available
 - Skin irritability : No data available
 - Carcinogenicity : No data available
 - Germ cell mutagenicity : No data available
 - Reproductive toxicity : No data available
 - Specific target organ toxicity (single exposure) : No data available
 - Specific target organ toxicity (repeated exposure) : No data available.
 - Aspiration Hazard : No data available
 - . Numerical measures of toxicity(Acute toxicity estimates etc) : No data available
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12. Ecological Information

- . Ecotoxicity effects: No data available
 - . Residual and degradability : No data available
 - . Bioaccumulation : No data available
 - . Mobility : No data available
 - . Other harmful effects : No data available
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13. Disposable considerations

- . Waste disposal method : No data available.
 - . Contaminated packaging : Dispose contents and vessel in accordance with regulation by the waste disposal law.
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14. Transport Information

- . UN Number : No data available.
 - . UN Proper Shipping Name : No data available
 - . Transport hazard class : No data available
 - . Packing group : No data available
 - . Marine pollutant : No data available
 - . The special vehicle Safety measures : No data available
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15. Regulatory information

- . Regulation by Industrial safety and health act : Not information available
 - . Regulation by toxic chemicals control act : Not information available
 - . Regulation by Safety control of dangerous substance act : Not information available
 - . Regulation by the waste control act : Not information available
 - . Regulation by other domestic and foreign regulatory : Not information available
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16. Other information

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