

MATERIAL SAFETY DATA SHEET**Product name:**

MaxBead Carboxyl Labeling Kit

Catalog number:

KA3267

1. Product and Company Information

Product Name: MaxBead Carboxyl Labeling Kit

Company: Abnova (Taiwan) Corporation

Address: 3F, No.132, Siyuan Rd., Jhongli City, Taoyuan County, 320 Taiwan.

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2. Hazards Identification

Phosphate Buffer Saline (PBS):

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Percent</u>
Sodium chloride (NaCl)	7647-14-5	8%
Sodium phosphate, dibasic (Na ₂ HPO ₄)	7558-79-4	0.60%
Potassium phosphate, Monobasic (KH ₂ PO ₄)	7778-77-0	0.20%
Potassium chloride (KCl)	7447-40-7	0.20%
Water	7732-18-5	~ 91%

MaxBead Carboxyl:

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Percent</u>
Glycerol	56-81-5	50 %

3. Composition/Information on Ingredients

Component	Amount
MaxBead Carboxyl	5 x 0.5 mL
Reagent A	5 x 5 mg
Reagent B	5 x 5 mg
Labeling Buffer	25 mL
Quench Buffer	12 mL
pH-7.4 PBS	20 mL

4. First Aid Measures

- In case of skin contact: Wash off immediately with plenty of water.
- In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- In case of ingestion: Never give anything by mouth to an unconscious person.
- In case of inhalation: Move to fresh air.
- Notes to physician: Treat symptomatically.

5. Fire Fighting Measures

- Suitable extinguishing media: Dry chemical
- Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

6. Accidental Release Measures

- Personal precautions: Use personal protective equipment
- Methods for cleaning up: Soak up with inert absorbent material

7. Handling and Storage

- Handling: Far away from magnets.
- Storage: Keep in properly labeled containers

8. Exposure controls/personal protection

- Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment
- Hand protection: Impervious gloves
- Eye protection: Safety glasses with side-shields
- Skin and body protection: Lightweight protective clothing
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice
- Environmental exposure controls: Prevent product from entering drains

9. Physical and Chemical Properties

- None available.

10. Stability and Reactivity

Stability: Stable under normal conditions

Hazardous decomposition products: N/A

Materials to avoid: N/A

Polymerization: Hazardous polymerization does not occur

11. Toxicological Information

Acute effects: May cause skin and eye irritation.

May be harmful if absorbed through the skin.

May cause irritations to mucous membranes and upper respiratory tract.

May be harmful if swallowed.

Chronic effects: Have not been thoroughly investigated.

12. Ecological information

None available.

13. Disposal guidelines

Dispose all excess reagents and samples in biohazardous waste. Alternatively excess reagents and samples, as Observe all federal, state and local environmental regulations.

14. Transport information

Product and all components should be transported at -20°C .

15. Regulatory information

None available.

16. Other

The kit is for research use only, not for use in diagnostic procedures.

11/27/2013