

SAFETY DATA SHEET

according to Regulation (EC) No.1907/2006

Version 4.0 Revision Date 4.5.2016

**Material Safety Data Sheet
Sodium PCA msds**

Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the substance or preparation

Product Name : Sodium PCA
INCI Name : Sodium PCA
CAS# : 28874-51-3
EINECS # : 249-277-1

Company/undertaking identification

M.C.Biotec Inc.

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Section 2: Hazards Identification

Ingestion: No known effects.
 Inhalation: No known effects.
 Eye contact: No known effects.
 Skin contact: No known effects.

Section 3: Composition and Information on Ingredients

Product Name: Sodium PCA

Product Name	INCI Name	Concentration %	CAS No.
Sodium PCA	Sodium PCA	48.0-52.0	28874-51-3
	Water	48.0-52.0	7732-18-5

Section 4: First Aid Measures

Ingestion: Contact a physician immediately. (Never give anything by mouth to an unconscious person).
 Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably by mouth-to-mouth. Get medical attention immediately
 Eyes: Immediately flush eyes with plenty of cool water for at least 15minutes. Do not let victim rub eyes.

Call a physician.

Skin: Remove contaminated clothing and immediately flush skin with plenty of water. Wash contaminated clothing before reuse. If irritation develops, consult a physician.

Section 5: Fighting Measures

Fire Fighting Media: Use media proper to primary cause of fire.

Section 6: Accidental Release Measures

Spill / Leak Clean-Up Procedures: Hose down floor with water.

Section 7: Handling and Storage

Handling: Normal handling and storage consistent with good manufacturing practices should be used.

Storage: Ventilation, dry warehouse stored at room temperature

Materials or condition to avoid: Do not store near flammable materials.

Keep away from heat, flame, spark and ignition sources.

Section 8: Exposure Controls/Personal Protection

Respiratory Protection: Use approved respiratory equipment.

Ventilation: Handle in the presence of adequate ventilation.

Protective clothing: Rubber gloves and apron are recommended.

No need anticipated when handling chemical.

Eye protection: Wear safety glasses.

Section 9: Physical and Chemical Properties

Appearance: pale yellow clear liquid

Transmittance (1cm, 430nm): $\geq 96.0\%$

pH (solution): 6.5 – 7.5

Specific gravity (D^{20}_4): 1.260 – 1.270

Total solid: $\geq 48.0\%$

Nitrogen: $\geq 4.30\%$

Total bacteria (CFU/g): < 100

Section 10: Stability and Reactivity

Stability: Stable.

Incompatibility: Keep away from heat and flames. Avoid contact with oxidizing materials

(materials to avoid):

Section 11: Toxicological Information

Ingestion: Non-irritating and none-allergenic.

Skin: Non-irritating and none-allergenic.

Section 12: Ecological Information

Not tested.

Section 13: Disposal Considerations

Disposal Method: Flush small amounts down sewer:

Insure compliance with local, state and federal regulations.

Section 14: Transport Information

Land Transport ADR No classification assigned

Air Transport IATA No classification assigned

Maritime Transport IMDG No classification assigned

Not regulated as a hazardous material

Section 15: Regulatory Information

This product is not an extremely hazardous substances.

This product does not contain any chemicals.

This product is not a hazardous waste, it does not exhibition of the extremely hazardous characteristic substances.

Section 16: Other Information

Further information

The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

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