

**KUMAR ORGANIC PRODUCTS LIMITED**

Bangalore – 560 105

Safety Data Sheet : SODIUM LACTAT 50% solution**1. Identification of the substance and of the company/undertaking**

Product Name	SODIUM LACTAT 50% solution
CAS #	72-17-3
EINECS #	200-772-0
Chemical Name /INCI Name	Propionic acid,2-hydroxy-,monosodium salt
Details of the Supplier	Kumar Organic Products Limited Plot No. 36B, Road No.3 &5,Jigani Industrial Area, Bangalore – 560 105, India Emergency Tel. No. +91 080 27825376 Fax : +91 080 27825439. Email: sales@kumarorganic.net
Contact person	Mr. S.N. Singh Director Works T: +91 80 27825376 Email: nsingh_directorwork@kumarorganic.net

2. Hazards Identification

Hazard Classification	Not classified
Hazard Statement	None

3.Composition/Product Description

Chemical name	CAS-No	EC-No.	Concentration(%)
Propionic acid,2-hydroxy-,monosodium salt	72-17-3	200-772-0	50.0
Water	7732-18-5	231-791-2	50.0

4. First Aid Measures	
Description of first aid measures	
Effects of single over exposure	None.
Inhalation	Move the exposed person to fresh air at once. Get medical attention.
Skin contact	Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.
Ingestion	Immediately rinse mouth and drink plenty of water. Get medical attention immediately.
Most important symptoms and effects	No information available
Protection of first aider	No information available
Notes for the physician	No information available

5. Fire Fighting Measures	
Suitable extinguishing media	This product is not flammable. Use fire extinguishing media appropriate for surrounding materials. Dry chemicals. Foam.
Special hazards arising from the product	No information available.
Special fire-fighting methods	Fire-fighting in the wind. Remove from fire and move to empty place. Cool containers with water spray. Provide adequate ventilation. Prevent fire extinguishing water from contaminating surface water or the ground water system
Protection for fire-fighters	Fire-fighters should wear appropriate breathing apparatus and protective equipment.

6. Accidental Release Measures	
Personal precautions	Wear personal protective equipment
Environmental precautions	It is biodegradable. And it is thought that fish toxicity is low .
Methods cleaning up	Flush area with water. Or Absorb in combustible material and incinerate

7. Handling and Storage	
Handling	Avoid spilling, skin and eye contact. Wear appropriate clothing to prevent any possibility of skin contact.
Storage	Store in tightly closed original container. Protect from light, including direct sunrays. Store below room temperature

8. Exposure control / Personal Protection	
Engineering Controls	Provide local exhaust or process enclosure ventilation system.
Personal protective Equipment	
Respiratory protection	In case of inadequate ventilation , Wear NIOSH approved respirator
Hand protection	Wear appropriate protective gloves
Eye protection	Wear approved safety goggles
Skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash thoroughly after handling

9. Physical and Chemical Properties	
Appearance	Clear,colourless,slightly syrupy liquid
Colour	Colorless or slightly yellow
Odour	Odourless or slightly characteristic odor
pH	5.0-9.0
Flash Point	Not available
Flammability	Not flammable
Specific Gravity	1.260~1.290
Solubility	Miscible with water

10. Stability and Reactivity	
Stability	Stable under normal conditions of handling, storage use.
Reactivity	Not available
Hazardous decomposition Products	Not available

11. Toxicological Information	
Acute Toxicity	LD 50 2,000mg/kg (Rat, Perit)
Local Effect	No data available
Mutagenicity	Ames test : Negative
Skin corrosion	No data available

12. Ecological Information	
Persistence/degradability	Good

13. Disposal considerations	
Waste Disposal methods	Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements

14. Transport Information	
UN Number	Not regulated
UN Proper shipping name	Not regulated
UN Classification	Not regulated
Packing Group	Not regulated
Mark/Label(s)	Not regulated
Marine pollutant (Yes/No)	No
Additional information	The materials transportation by vehicles, the sender serves deliverers with instructions for safe handling. In transportation confirm leakless of the container, and load the materials not to upset, fall and damage. Secure preventing the load from falling.

15. Regulatory Information	
Applicable regulations :	
Pharmaceutical Affairs Act	Japanese Pharmaceutical Codex
Food Sanitation Act	Food additives

16. Other Information

The information contained in the safety data sheet (SDS) has been compiled from data considered to be accurate. This data is believed to be reliable, however it must be pointed out that values for certain properties are known to vary from source to source. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his applications. This data relates only to the specific material designated and not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.