

SAFETY DATA SHEET

SODIUM LACTATE 60%

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Sodium Lactate 60%

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

Classification

Not a hazardous substance or preparation.

Most important hazards

May cause eye irritation with susceptible persons.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	Synonyms
Sodium Lactate	72-17-3	50-70
Water	7732-18-5	Balance

4. FIRST AID MEASURES

General advice

Immediately medical attention is not required.
Show this safety data sheet to the doctor in attendance.

Inhalation

Not applicable.

Skin contact

Wash off with water.

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids.

Ingestion

Drink water.

Protection of first aiders

No hazards which require special first aid measures.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water, carbon dioxide (CO₂), foam.

Extinguishing media which must not be used for safety reasons

None.

Special hazards

Burning produces irritant fumes.

Special protective equipment for firefighters

None.

Specific methods

Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment.

Environmental precautions

Prevent further leakage or spillage.

No special environmental precautions required.

Methods for cleaning up

Flush with water.

7. HANDLING AND STORAGE

Handling

Technical measure/Precautions

No special technical protective measures required.

Safe handling advice

Handle in accordance with good industrial hygiene and safety practice.

Storage

Technical measure/ Storage conditions

Keep tightly closed in a dry place. Avoid long storage times.

Packaging material

Steel and plastic packages.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures to reduce exposure

Ensure adequate ventilation, especially in confined areas.

Control parameters

None.

Personal protection equipment

No special protective equipment required.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aqueous solution
Color	Light yellow
Odor	Slight/none
pH	6.0 – 8.0 (10% aqueous solution) @25°C
Boiling point/range	105°C (50% solution), 110°C (60% solution)
Decomposition temperature	> 200°C
Flash point	Not applicable
Explosion limits	Not applicable
Density	1.32 – 1.34g/mL @ 20°C (60% solution)
Solubility	Miscible (Water solubility: completelysoluble)
Viscosity	80 – 160 mPa.s @ 20°C

10. STABILITY AND REACTIVITY

Stability

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Stable at room temperature in closed containers under normal storage and handling condition.
Hazardous polymerization does not occur.

Materials to avoid

Incompatible materials, excess heat, strong oxidants.

Hazardous decomposition products

Carbon monoxide, carbon dioxide, irritating and toxic fumes and gases.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Health injuries are not known or expected under normal use.

LD50/intraperitoneal/rat - 2000 mg/kg LD50/oral/rat=2000 mg/kg. Draize test, rabbit, eye: 100 mg Mild.

Local effects

May cause eye irritation with susceptible persons.

Specific effects

Based on test with L-lactic acid and its salts, there is no evidence to suggest carcinogenic nor mutagenic properties from lactic acid itself nor from the lactate portion of its metal salts.

Further information

Natural product in the body.

12. ECOLOGICAL INFORMATION

Completely soluble.

Persistence/ degradability

Product is a salt of lactic acid which is readily biodegradable.

Bioaccumulation

Unlikely.

Ecotoxicity

Ecological injuries are not known or expected under normal use. (No effect on Daphnia @ 10g/l.)

13. DISPOSAL CONSIDERATIONS

Waste from residues/ unused products

Can be disposed as wastewater, when in compliance with local regulations. Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging

Clean container with water.

Empty containers should be taken from local recycling, recovery or waste disposal.

Further information

According to the European Waste Catalogue, Waste Codes are not product specific, but Application specific. Waste codes

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Not a hazardous substance or preparation according to EC-directives 67/548/ECC or 99/45/EC

EC Food additive:

E 325 USA FDA/GRAS Status.

German Water Hazard Class (WGK):

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16. OTHER INFORMATION

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