



## 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Sodium Lactate 60%  
INCI Name: Sodium Lactate  
CAS Number: 72-17-3

Company: MuddySoapCo Inc  
205 N Sycamore St  
Tomball, Texas 77375  
832-534-1948

Emergency Contact: Infotrac: 800-535-5053

## 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.	CONCENTRATION (%)
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 (CO<sub>2</sub>) , 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: completely soluble)
Viscosity	80 – 160 mPa.s @ 20°C

## 10. STABILITY AND REACTIVITY

### Stability

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): 1