



SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: SODIUM LACTATE 60% (G2560)
SUPPLIER NAME: Candles and Supplies
SUPPLIER ADDRESS: 2580 Milford Square Pike
Quakertown PA 18951 USA
TELEPHONE NUMBER: (215) 538-8552
RECOMMENDED USE: For manufacturing and repackaging use only
EMERGENCY TELEPHONE NUMBER: Chemtrec 1-800-424-9300 (24 hrs)

02. HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION ACCORDING TO
EC regulation 1272/2008 (CLP): This substance is classified as not hazardous

CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC: This substance is classified as not hazardous

LABEL ELEMENTS	HAZARD STATEMENTS	NOT APPLICABLE
LABELLING (CLP):	SAFETY PRECAUTIONS	NOT APPLICABLE

LABELLING (67/548/EEC OR 1999/45/EC):	R PHRASE(S)	NOT APPLICABLE
	S PHRASE(S)	NOT APPLICABLE

OTHER HAZARDS: NO RISKS WORTHY OF MENTION

03. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCES:

CHEMICAL CHARACTERIZATION (SUBSTANCE):	Mg O4 S = MgSO4
CAS-NUMBER:	MAGNESIUM SULPHATE >= 99,0%
	72-17-3

INCI NAME:	Sodium Lactate
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04. FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

INHALATION: Remove patient from exposure to fresh air.

SKIN CONTACT: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully with water and soap.



EYE CONTACT:

For eye contact, flush with water immediately, lifting eyelids occasionally. Check for and remove any contact lenses. Irrigate with eyewash solution or clean water,

holding the eyelids apart, for at least 10 minutes. If symptoms persist or develop, obtain medical attention.

SWALLOWING:

Rinse mouth and drink large quantities of water. Seek medical aid in case of troubles.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No special measures are required.

05. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

As appropriate for surrounding fire.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

Fires in the immediate vicinity may cause the development of dangerous vapors. In case of fire may be liberated: sulphur oxide.

ADVICE FOR FIREFIGHTERS:

Wear a self-contained breathing apparatus and chemical protective clothing.

ADDITIONAL INFORMATION:

Hazchem-Code: - Suppress gases/vapors/mists with water spray jet.
Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Avoid contact with the substance. Avoid generation of dust. Do not breathe dust.

ENVIRONMENTAL PRECAUTIONS:

Do not allow to penetrate into soil, waterbodies or drains.

SPILL OR LEAK PROCEDURES:

Collect dry and place in appropriate containers for disposal, cleaning.

07. HANDLING & STORAGE

SAFE HANDLING PRECAUTIONS:

Avoid contact with substance. Avoid generation of dust. Do not breathe dust. Provide ventilation, and local exhaust.

**STORAGE:**

Keep container tightly closed and dry.

STORAGE CLASS:

13 =Non-combustible solids

SPECIFIC END USE(S):

No data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION**CONTROL PARAMETERS****ADDITIONAL INFORMATION:**

Contains no substances with occupational exposure limit values.

DERIVED NO-EFFECT LEVEL (DNEL)

DNEL Workers, Long Term:
Inhalative: 37,6 mg/m³.
Dermal 21,3 mg/kg/ bw/d.

DNEL Consumers, Long Term:
Inhalative: 11,1 mg/m³
Dermal 12,8 mg/kg/ bw/d
Oral 12,8 mg/kg/ bw/d

EXPOSURE CONTROLS:

Provide adequate ventilation, and local exhaust as needed.

OCCUPATIONAL EXPOSURE CONTROLS**RESPIRATORY PROTECTION:**

In case of dust: Particulates filter P1 according to EN 143.

HAND PROTECTION:

Protective gloves according to EN 374.

EYE PROTECTION:

Wear suitable protective eye/face protection.

BODY PROTECTION:

Protective clothing may be worn in dusty areas.

GENERAL PROTECTION AND HYGIENE MEASURES:

Change contaminated clothing. Wash hands prior to breaks and after work. Workplace should be equipped with shower and eye rinsing apparatus.

09. PHYSICAL & CHEMICAL PROPERTIES**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES****PHYSICAL STATE:**

Solid

COLOR:

Colourless up to white

ODOR:

Odourless

FLASH POINT/FLASH POINT RANGE:

Non-flammable

IGNITION TEMPERATURE:

Non-flammable

VAPOUR PRESSURE:

Low

DENSITY:

at 20 °C: 2,66 g/cm³

PH VALUE:

at 25 °C, 50 g/L: approx. 7,9

WATER SOLUBILITY:

at 0 °C: 269 g/L



at 20 °C: 360 g/L
at 40 °C: 456 g/L
1124 °C

THERMAL DECOMPOSITION:

OTHER INFORMATION:

Molecular weight: 120,37 g/mol

10. STABILITY & REACTIVITY

HAZARDOUS REACTIONS:
STABILITY:

Hygroscopic.
Stable

POSSIBILITY OF HAZARDOUS REACTIONS:

No particular hazards known.

CONDITIONS TO AVOID:

Keep away from heat.

INCOMPATIBILITIES:
DECOMPOSITION PRODUCTS:

No data available.
Fires in the immediate vicinity may cause the development of dangerous vapors. In case of fire may be liberated: sulphur oxides.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY:

LD50 Rat, oral: >2000 mg/kg
LD50 Rat, dermal: >2000 mg/kg
Following intake of large amounts: Nausea, vomiting, diarrhea.

AFTER SWALLOWING:

GENERAL REMARKS:

NOAEL dermal: 256.0 mg/kg bw/day
NOAEC inhalative: 222.0 mg/m³
NOAEL oral: 256.0 mg/kg bw/day.

12. ECOLOGICAL INFORMATION

TOXICITY

AQUATIC TOXICITY:

Algae toxicity:
IC50 Desmodesmus subspicatus : 2700 mg/L/72h.
Bacterial toxicity:
EC50 Photobacterium phosphoreum: 8400 mg/L/30 min.
Daphnia toxicity:
EC50 Daphnia magna: 1700 mg/L/96h.
Fish toxicity:
LC50 Gambusia affinis: 15500 mg/L/96h
Source: IUCLID.
1 = slightly hazardous to water (WGK catalog number 366)

WATER HAZARD CLASS:

PERSISTENCE AND DEGRADABILITY
Further details:

Methods for the determination of biodegradability are not applicable to inorganic substances.



BIOACCUMULATIVE POTENTIAL:	No data available
MOBILITY IN SOIL:	No data available
RESULTS OF PBT and vPvB ASSESSMENT:	No data available
OTHER ADVERSE EFFECTS: GENERAL INFORMATION:	Do not allow to enter into ground-water, surface water or drains.
13. DISPOSAL CONSIDERATIONS	
WASTE TREATMENT METHODS	
PRODUCT	
WASTE KEY NUMER	06 03 14 = Wastes from the MFSU of salts and their solutions and metallic oxides.
RECOMMENDATION:	Dispose of waste according to applicable legislation.
CONTAMINATED PACKAGING	
RECOMMENDATION:	Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.
14. TRANSPORT INFORMATION	
UN NUMBER	Not applicable
UN PROPER SHIPPING NAME	ADR/RID, IMDG, IATA: Not restricted.
TRANSPORT HAZARD CLASS(ES)	Not applicable.
PACKING GROUP	Not applicable.
ENVIRONMENTAL HAZARDS	Marine Pollutant Unknown
SPECIAL PRECAUTIONS FOR USER	Not dangerous good in sense of these transport regulations.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:	No data available
15. REGULATORY INFORMATION	
SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS /LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE	
NATIONAL REGULATIONS – USA	
HAZARD RATING SYSTEMS	TSCA Inventory: listed. TSCA HPVC: not listed. NFPA Hazard Rating: Health: 0 (Minimal)



Fire: 0 (Minimal)
Reactivity: 0 (Minimal)

HMIS VERSION III RATING:

Health: 0 (Minimal)
Flammability: 0 (Minimal)
Physical Hazard: 0 (Minimal)
Personal Protection: X = Consult your supervisor

CHEMICAL SAFETY ASSESSMENT

For this substance a chemical safety assessment has been carried out.

16. OTHER INFORMATION

None available

Revised on 5/7/2025

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Candles and Supplies believes the above information to be accurate based on the information available to Candles and Supplies, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Candles and Supplies meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Candles and Supplies standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.