

Sodium Lactate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Sodium Lactate	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Sodium Lactate (and) Water	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	72-17-3, 867-56-1, 7732-18-5	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Eye damage: Category 2B
Signal Word: **WARNING!**
GHS Hazard Pictograms: None
GHS Hazard Statements: H319: Causes eye irritation.
GHS Precautionary Statements: P233: Keep container tightly closed.
P202: Do not handle until all safety precautions have been read and understood.
P314: Get medical advice/attention if you feel unwell.
P363: Wash contaminated clothing before reuse.

Potential Health Hazards: Eyes: Causes eye irritation.
Inhalation: Not expected to be irritant under normal conditions of use.
Skin: May be an irritant.
Ingestion: May cause nausea, vomiting, and diarrhea.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Personal Protection	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Sodium Lactate	72-17-3 / 867-56-1	58-62%	Not available
Water	7732-18-5	38-42%	Not available

4 FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.
Skin: Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Ingestion: Do Not Induce Vomiting! Get immediate medical attention. Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (sprayed water, foam, dry powder, CO2) for adjacent fire. Do not use direct water jet.
Special protective equipment & Wear MSHA/NIOSH self-contained breathing apparatus with full face-piece operated in

precautions for firefighters: pressure-demand or other positive pressure mode, and full protective clothing, including eye protection and boots.

Flash Points: >212°F (100°C)

Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Use only with adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Dispose of all waste and clean-up materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes, skin, and clothing. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities: Store in a sealed container in a cool, dry, well-ventilated environment. Keep away from any source of ignition. Keep away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sodium Lactate	Not established		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Safety glasses should be worn.

Inhalation: Ensure adequate ventilation, especially in confined areas.

Body: Protective gloves made of rubber or neoprene. Suitable protective clothing should be worn.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, no turbidity	Vapor Pressure:	14.00
Odor:	No data available	Vapor Density:	0.70
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	No data available	Flammability:	None
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	4-8	Flash Point (COC):	>199.4°F (93.0°C) [COC]
Boiling Point:	110.0°F (43.3°C)	Specific Gravity:	1.31
Melting Point:	No data available	Solubility in Water:	Soluble
Relative Density:	1.31	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	17°F (-8.3°C)

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Heat, flames, and sparks.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Carbon monoxide; carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Respiratory:	No data available.
Ingestion:	No data available.
Carcinogenicity:	Not listed as a carcinogen by NTP, IARC, OSHA, or GHS.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Chronic Toxicity:	False.

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Readily biodegradable.
Bioaccumulative Potential:	Bioaccumulation unlikely.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Proper Shipping Name: LACTATE
TDG (Transportation of Dangerous Goods, Canada):	Proper Shipping Name: LACTATE
IMDG (International Maritime Dangerous Goods):	Proper Shipping Name: LACTATE
IATA (International Air Transport Association):	Proper Shipping Name: LACTATE
ICAO (International Civil Aviation Organization):	Proper Shipping Name: LACTATE

15 REGULATORY INFORMATION

TSCA Inventory Status:	Cosmetic/personal care applications are not subject to TSCA.
OSHA Regulated Hazards:	False.
E C Classification:	Non-applicable.
SARA 312 Regulated Chemicals:	No.
SARA 313 Regulated Chemicals:	No.
Canada:	Non-applicable.
EPA Registration Number:	Non-applicable.
California Prop. 65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
PA Right to Know Chemical(s):	None known.
NJ Right to Know Chemical(s):	None known.
Additional State Regulations:	None known.

16 OTHER INFORMATION

Revision Date:	19-May-2026
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. 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. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.