

Sodium Lactate

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

Revision Date: 21-Jul-2021
Supersedes: 16-Mar-2020

1 PRODUCT & COMPANY IDENTIFICATION

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|----------------------|--------------------|------------------------------------|---|
| 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 | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| CAS Number: | 72-17-3 / 867-56-1 | 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: Causes eye irritation.
GHS Precautionary Statements: Keep container tightly closed.
 Do not handle until all safety precautions have been read and understood.
 Get medical advice/attention if you feel unwell.
 Wash contaminated clothing before reuse.

Potential Health Hazards: Eyes: Not expected to be irritant.
 Inhalation: Not expected to be irritant.
 Skin: Not expected to be irritant.
 Ingestion: Not expected to be irritant.

NFPA Ratings (704):

| | | |
|---------------------|---|---------|
| Health | 0 | Minimal |
| Flammability | 0 | Minimal |
| Reactivity | 0 | Minimal |
| Personal Protection | B | |

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 & precautions for firefighters: Wear MSHA/NIOSH self-contained breathing apparatus with full face-piece operated in pressure-demand or other positive pressure mode, and full protective clothing, including eye protection and boots.

Flash Points: >199.4°F (93.0°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 cleanup 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 available | | |

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

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|--|---------------------|-------------------------------------|-------------------|
| Appearance: | Clear, no turbidity | Vapor Pressure: | 14.000000 |
| Odor: | No data available | Vapor Density: | 0.700000 |
| Odor Threshold: | No data available | Evaporation Rate: | No data available |
| Color: | No data available | Flammability: | No data available |
| Molecular Weight: | No data available | Upper/lower Explosive Limit: | No data available |
| pH: | No data available | Flash Point (COC): | >199.4°F (93.0°C) |
| Boiling Point: | 110.0°F (43.3°C) | Specific Gravity: | 1.310000 |
| Melting Point: | No data available | Solubility in Water: | Soluble |
| Relative Density: | 1.310000 | 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: | 17.0°F (-8.3°C) |

10 STABILITY AND REACTIVITY

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| 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

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| 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 |
| Corrosivity: | No data available |
| Sensitization: | No data available |
| Irritation: | No data available |
| Repeated Dose Toxicity: | No |

12 ECOLOGICAL INFORMATION

| | |
|---------------------------------------|---------------------------|
| Ecotoxicity | |
| Aquatic Vertebrate: | No data available |
| Aquatic Invertebrate: | No data available |
| Terrestrial: | No data available |
| Persistence and Degradability: | No data available |
| 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

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| 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 container. |
| 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

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| 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

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| TSCA Inventory Status: | Cosmetic/personal care applications are not subject to TSCA. |
| DSCL (EEC): | No data available |
| WHMIS (Canada): | Non-applicable |
| DSL (Canada): | Non-applicable |
| EU EINECS/ELINCS/NLP: | No data available |
| China IECSC: | No data available |
| China IECIC (06.30.2014): | No data available |
| Australia AICS: | No data available |
| Japan ENCS: | No data available |
| Philippines PICCS: | No data available |
| Korea KECI: | No data available |
| New Zealand NZIoC: | No data available |
| OSHA Regulated Hazard: | No |
| E C Classification: | Non-applicable |
| SARA 312 Regulated Chemical(s): | No |
| SARA 313 Regulated Chemical(s): | No |
| 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

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| Revision Date: | 21-Jul-2021 |
| 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. |