

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product Name	Sodium Lactate
Other Names	Lactic Acid, Sodium Salt; Sodium-2-hydroxy propionate
CAS No	72-17-3
EINECS No	200-772-0

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 9 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

GHS / HSNO Hazard Classification	Not classified
HSNO Approval Number	Not classified
Hazard Nature	This product is not classified under HSNO criteria
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statements(s)	Nil
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any hazardous components

INCI	CAS No.	%
Sodium Lactate	72-17-3	60%
Water	7732-18-5	Balance

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

General Information	Show this safety data sheet to the doctor in attendance. Immediate medical attention is not required.
Skin contact	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Eye contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Ingestion	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cups full of milk or water.
Inhalation	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

SECTION 5 FIREFIGHTING MEASURES

General information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Runoff from fire control or dilution water may cause pollution.
Extinguishing Media	Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

SECTION 7 HANDLING AND STORAGE

Handling	Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
Storage conditions	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
Personal Protective equipment	
Eye Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Hand Protection	Wear appropriate protective gloves to prevent skin exposure.
Respiratory Equipment	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Melting point	Not applicable
Colour	Light yellow	Boiling point	No data
Odour	Characteristic	Vapour pressure	No data
Relative density	1.320-1.340g/cm3	Solubility in Water @ 20°C	miscible (Water solubility: completely soluble)
Flash point	N/A		

SECTION 10 STABILITY AND REACTIVITY

Chemical stability	Stable at room temperature in closed containers under normal storage and handling conditions.
Conditions to avoid	Incompatible materials, excess heat, strong oxidants.
Incompatibilities with Other Materials	Oxidizing agents.
Hazardous Decomposition	Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity (LD50/LC50)	Health injuries are not known or expected under normal use. CAS# 72-17-3: LD50/intraperitoneal/rat = 2000 mg/kg LD50/oral/rat = 2000 mg/kg. Draize test, rabbit, eye: 100 mg Mild;<BR. CAS# 7732-18-5: Oral, rat: LD50 = >90 mL/kg;<BR
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Local effects:

May cause eye irritation with susceptible persons.

Specific effects:

Based on tests 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.

Carcinogenicity:

CAS# 72-17-3: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information available.

Teratogenicity: No information available.

Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: No information available.

Other Studies: See actual entry in RTECS for complete information.

Further information: Natural product in the body.

CAS# 7732-18-5: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

SECTION 12 ECOLOGICAL INFORMATION

Mobility	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.)

SECTION 13 DISPOSAL CONSIDERATION

General	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
Waste from residues / unused products	Can be disposed as waste water, when in compliance with local regulations. Can be landfilled or incinerated, when in compliance with local regulations.
Product/Packaging disposal recommendations	Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal.

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SECTION 14 TRANSPORT INFORMATION

	Land Transport (ADR/RID)	Sea Transport (IMDG)	Air Transport (IATA/ICAO)
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	-	-	-

SECTION 15 REGULATORY INFORMATION

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

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

v00: 06/05/2021 PIL. Alignment with new supplier SDS SA219.

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