

Product Code: 16008



SAFETY DATA SHEET

Date: 29-May-15

Revision Date: 5/10/2015

Revision Number

1 - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: RITALAC NAL

Other Means of Identification

Synonyms: Sodium Lactate

Recommended Use of the Chemical and Restrictions To Use

Recommended Use Cosmetic

Uses Advised Against

Details of the Supplier of the Safety Data Sheet

Supplier Address:

Saffire Blue Inc.
1444 Bell Mill Sideroad
Tillsonburg, ON N4G 4G9
Toll Free: 877-248-1115

Emergency Telephone Number

Chemtrec Emergency Hotline: 800-424-9300 (US and Canada)

2 - HAZARDS IDENTIFICATION

Classification

Non Hazardous

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.

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GHS Classification

Hazards Not Otherwise Classified (HNOC) Not Applicable
Interactions with Other Chemicals Not Applicable

3-COMPOSITION/INFORMATION ON INGREDIENTS

Sodium Lactate	58-62%	72-17-3, 867-56-1
Water	38-42%	7732-18-5

4 - FIRST AID MEASURES

First Aid Measures

Eye Contact: Rinse immediately with water for at least 10 min, keeping eyelids raised.

Skin Contact: Wash with plenty of water. Remove contaminated clothing.

Inhalation: Remove victim to fresh air.

Ingestion: Seek medical advice, do not induce vomiting.

Most Important Symptoms and Effects, Both Acute and Delayed

Most Important Symptoms / Effects: No Information Available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician: Treat Symptomatically.

5-FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water, CO2 and foam

Unsuitable Extinguishing Media

Specific Hazards Arising From The Chemical

Uniform Fire Code

Hazardous Combustion Products

It may emit noxious fumes.

Explosion Data

Sensitivity to Mechanical Impact:

Sensitivity to Static Discharge:

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus.

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6- ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use gloves and goggles.

Environmental Precautions

Environmental Precautions: Refer to protective measures listed in Section 7 and 8.

Methods and Material for Containment and Cleaning Up

Methods for Containment:

Methods for Cleaning Up: Absorb excess and wash spill area with water.

7- HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Avoid exposure to direct sunlight for prolonged periods.

Conditions for Safe Storage, Including Any Incompatibilities

Storage: Keep containers closed in order to maintain the performance of the product, store at room temperature.

Incompatible Products Carbon monoxide, carbon dioxide generated on burning.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines:

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate Engineering Controls

Engineering Measures: Showers
Eyewash Stations
Ventilation Systems

Individual Protection Measures, Such as Personal Protective Equipment

Eye / Face Protection: Goggles

Skin and Body Protection: Gloves

Respiratory Protection:

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Hygiene Measures:

Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State:	Liquid
Appearance:	Clear, no turbidity.
Color:	
Odor:	Essentially odorless.

Properties

Values

pH:	7.5 - 9.0
Melting / Freezing Point:	N/A
Boiling Point / Range:	112.38°C
Flash Point:	>212°F
Evaporation Rate:	
Flammability (Solid, Gas):	
Flammability Limits in Air:	
Upper Flammability Limit:	
Lower Flammability Limit:	
Vapor Pressure:	
Vapor Density:	
Water Solubility:	Soluble
Solubility In Other Solvents:	
Partition Coefficient: N-Octanol / Water:	
Autoignition Temperature:	
Decomposition Temperature:	
Kinematic Viscosity:	
Dynamic Viscosity:	
Explosive Properties:	
Oxidizing Properties:	

Other Information

VOC Content (%):

10 - STABILITY AND REACTIVITY

<u>Reactivity</u>	N/A
<u>Chemical Stability</u>	Stable under normal conditions.
<u>Possibility of Hazardous Reactions</u>	Will not occur.



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<u>Hazardous Polymerization</u>	Will not occur.
<u>Conditions to Avoid</u>	Stable under normal use.
<u>Incompatible Materials</u>	None known. Strong oxidizing agents.
<u>Hazardous Decomposition Products</u>	None

11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

- Inhalation: N/A
- Eye Contact: No irritation is likely to occur.
- Skin Contact: No irritation is likely to occur.
- Ingestion: N/A

Information on Toxicological Effects

Symptoms:

Delayed and Immediate Effects as well as chronic effects from short and long-term Exposure

- Sensitization: N/A
- Mutagenic Effects: N/A
- Carcinogenicity: N/A
- Reproductive Toxicity: N/A
- STOT - Single Exposure
- STOT - Repeated Exposure Chronic Toxicity
- Target Organ Effects: N/A

Aspiration Hazard

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document.
Not applicable.

12 - ECOLOGICAL INFORMATION

<u>Ecotoxicity</u>	N/A
<u>Persistence Degradability</u>	N/A
<u>Bioaccumulation</u>	N/A
<u>Other Adverse Effects</u>	N/A

13 - DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste Disposal Methods: If possible recover the product, otherwise dispose of in authorized landfill or incinerate in accordance with local regulations.



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Contaminated Packaging: Dispose properly.

US EPA Waste Number:

California Hazardous Waste Code

14-TRANSPORT INFORMATION

DOT

Proper Shipping Name: Not regulated

Hazard Class:

Description:

TDG

UN-No:

Proper Shipping Name:

Hazard Class:

Description:

MEX

ICAO

IATA

UN-No:

Proper Shipping Name:

Hazard Class:

Description:

IMDG / IM

UN-No:

Proper Shipping Name:

Hazard Class:

EmS No.:

Description:

RID

Not regulated.

ADR

Not regulated.

ADN

Not regulated.

15 - REGULATORY INFORMATION

International Inventories

TSCA: Not subject to TSCA.

DSL: All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

DSL / N - Canadian Domestic Substances List / Non-Domestic Substances List

U.S. Federal Regulations

SARA 313

Not subject to SARA.



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SARA 311/312 Hazard Catego

Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

Clean Water Act

CERCLA

U.S. State Regulations

California Proposition 65

U.S. State Right-to-Know Regulations

International Regulations

Canada

WHMIS Hazard Class

Not Hazardous

16- OTHER INFORMATION

NFPA

Health Hazard: Flammability: Instability: Physical and Chemical Hazards:

HMIS

Health Hazard: 0 Flammability: 0 Physical Hazard: 0 Personal Protection:

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General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet