



1. PRODUCT AND COMPANY INFORMATION

Distributed By: WG Critical Care, LLC.
120 Route 17 North
Suite 115
Paramus, NJ 07652 USA

Product Name: **Lactated Ringers Injection, USP**

Product Use: Pharmaceutical
Product Type: Prescription Drug
Container Information: Plastic Container

Customer Service Phone Number: +1-888-493-0861
Emergency Phone Number: +1-866-562-4708 (ProPharma)

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture / GHS Classification Not Classified as Hazardous

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>GHS Classification</u>
Calcium Chloride	10035-04-8	Eye Irritant 2 (H319)
Sodium Chloride	7647-14-5	Not Listed
Potassium Chloride	7447-90-7	Not Listed
Sodium Lactate	72-17-3	Not Listed
Water for Injection	7732-18-5	Not Listed

4. FIRST AID MEASURES

EYE EXPOSURE: Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.

SKIN EXPOSURE: Remove contaminated clothing. Flush area with water. Use soap and seek medical attention.

INGESTION: Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention.

INHALATION: Remove to fresh air and keep at rest. Seek medical attention immediately.

NOTE TO PHYSICIAN: None

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5. FIRE FIGHTING MEASURES

FLASH POINT: Not available
AUTO-IGNITION TEMPERATURE: Not Available
FLAMMABLE LIMITS IN AIR: Not Available
FLAMMABLE LIMITS: Not Available
EXTINGUISHING MEDIA: Extinguish fire with CO2, extinguishing powder, foam or water
UNUSUAL FIRE / EXPLOSION HAZARDS: Fine particles may fuel fires / explosions

6. ACCIDENTAL RELEASE MEASURE

SPILL: Personnel involved in clean-up should wear appropriate personal protective equipment. Contain the source of the spill if it is safe to do so. Absorb spills with non-combustible absorbent material and transfer into a labeled container for disposal.

7. HANDLING AND STORAGE

GENERAL HANDLING: Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. When handling, use appropriate personal protective equipment. Wash thoroughly after handling. Releases to the environment should be avoided. Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases.

STORAGE CONDITIONS: Store as directed by product packaging

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Under normal conditions of use, if applicable, wear an appropriate respirator with a protection factor sufficient to control exposures

EYE PROTECTION: Wear safety glasses or goggles

SKIN PROTECTION: Impervious clothing is recommended . Impervious gloves (nitrile) are recommended.

OTHER PROTECTIVE EQUIPMENT: Refer to applicable national standards and regulations in the selection and use of personal protective equipment. Contact your safety and health professional or safety equipment supplier for assistance in selecting the correct protective clothing/ equipment.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid Solution	SPECIFIC GRAVITY:	No data available
APPEARANCE AND ODOR:	Clear solution	EVAPORATION RATE:	No data available
BOILING POINT:	No data available	MELTING POINT:	No data available
VAPOR PRESSURE:	No data available	SOLUBILITY:	No data available
VAPOR DENSITY:	No data available	pH:	No data available
Percent Volatile:	No data available	Explosive Properties:	No data available

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions of use
INCOMPATIBILITY : (MATERIALS TO AVOID)	Keep away from strong oxidizers
Oxidizing Properties:	No data available
HAZARDOUS DECOMPOSITION:	No data available
CONDITIONS TO AVOID:	Fine particles may fuel fires / explosions

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

COMPONENT	TYPE	ROUTE	SPECIES	DOSAGE
Sodium Chloride	LD50	Oral	Rat	3000mg/kg
Sodium Lactate	LD50	Oral	Rat	>90mL/kg
Potassium Chloride	LD50	Oral	Rat	2600mg/kg
Calcium Chloride	LD50	Oral	Rat	1000mg/kg

None of the components of this formulation are listed as a carcinogen by IARC, NTP, OSHA.

12. ECOLOGICAL INFORMATION

No applicable information found.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose according to all local, state and Federal regulations.

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14. TRANSPORT INFORMATION

REGULATORY ORGANIZATIONS:

DOT: Not Regulated

ICAO / IATA: Not Regulated

IMO: Not Regulated

15. REGULATORY INFORMATION

Below is selected regulatory information chosen primarily for possible WG Critical Care use. This section is not a complete analysis or reference to all applicable regulatory information. Please consider all applicable laws and regulations for your city / state / country.

US Regulations

TSCA – No

CERCLA-No

SARA 313 – No

OSHA Substance Specific - No

16. OTHER INFORMATION

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS MATERIAL SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.

Data Sources: Safety Data sheets for individual ingredients and publically available safety data sheet information.

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