



Issuing Date 1/14/2010

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Conductivity Standard (12,880 $\mu\text{S}/\text{cm}$)

Product Code(s) 6317

Synonyms none

Recommended Use Laboratory chemicals. Industrial (not for food or food contact use). Chemical additive. Swimming pool chemicals.

Company LaMotte Company, Inc.
802 Washington Avenue
P.O. Box 329
Chestertown, MD 21620
USA

Emergency Telephone Number 24 Hour Emergency Number (CHEM-TEL):
USA, Canada, Puerto Rico 1-800-255-3924
Outside North American Continent (Call collect) 813-248-0585

2. HAZARDS IDENTIFICATION**Emergency Overview**

Keep out of the reach of children

Appearance Clear, colorless solution**Physical State** Liquid**Odor** Odorless

OSHA Regulatory Status This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold, but considers exposure to the chemical if user has direct eye and skin contact with the chemical.

Potential Health Effects

Principle Routes of Exposure None reasonably foreseeable

Acute Toxicity**Eyes**

May cause slight irritation.

Skin

Non-irritating during normal use.

Inhalation

Not an expected route of exposure.

Ingestion

No hazard from product as supplied.

Chronic Effects

Product does not present a chronic toxicity hazard based on known or supplied information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula KCl in water

Chemical Name	CAS-No	Weight %
Potassium Chloride	7447-40-7	<1
Water	7732-18-5	to 100%

4. FIRST AID MEASURES

Eye Contact	Wash off with plenty of water. If irritation persists, call a physician.
Skin Contact	Wash skin with soap and water.
Inhalation	None under normal use.
Ingestion	Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.
Notes to Physician	See MSDS (material safety data sheet) for additional information. Treat symptomatically.
Protection of First-aiders	Use personal protective equipment. See Section 8 for more detail.

5. FIRE-FIGHTING MEASURES

Flash Point		N/A	
Suitable Extinguishing Media		Water spray, dry chemical, carbon dioxide (CO ₂), or foam.	
Explosion Data		Not applicable.	
Sensitivity to Mechanical Impact		Not applicable.	
NFPA	Health Hazard 0	Flammability 0	Stability 0
Physical and Chemical Hazards -			

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Refer to Section 8.
Methods for Containment	Not applicable.
Methods for Cleaning Up	Flush area with flooding quantities of water.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Prevent contact with skin, eyes and clothing. Do not ingest. Do not eat, drink or smoke when using this product.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Potassium Chloride 7447-40-7	None Established	None Established	None Established
Water 7732-18-5	None Established	None Established	None Established

Personal Protective Equipment

Eye/Face Protection No special protective equipment required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colorless solution	Odor	Odorless
Physical State	Liquid	pH	7
Flash Point	N/A	Boiling Point/Range	100 °C / 212 °F

Explosion Limits

Upper	N/A
Lower	N/A

Solubility

Soluble

Vapor Pressure

<17 mmHg @ 20 °C

10. STABILITY AND REACTIVITY**Stability**

Stable.

Incompatible Products

None known based on information supplied.

Hazardous Decomposition Products None under normal use.**Hazardous Polymerization**

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Acute Toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Potassium Chloride	2600 mg/kg (Rat)	None Established	None Established
Water	90 mL/kg (Rat)	None Established	None Established

Chronic Toxicity**Chronic Toxicity**

Product does not present a chronic toxicity hazard based on known or supplied information.

Chemical Name	ACGIH	IARC	NTP	OSHA
Potassium Chloride	None Established	None Established	None Established	None Established
Water	None Established	None Established	None Established	None Established

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Potassium Chloride	None Established	None Established	None Established
Water	None Established	None Established	None Established

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Potassium Chloride	EC50 = 2500 mg/L 72 h	LC50= 2010 mg/L Lepomis macrochirus 96 h	None Established	EC50 = 825 mg/L 48 h
Water	None Established	None Established	None Established	None Established

Chemical Name	Log Pow
Potassium Chloride	None Established
Water	None Established

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Can be disposed as waste water, when in compliance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Chemical Name
Potassium Chloride - 7447-40-7
Water - 7732-18-5

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Potassium Chloride - 7447-40-7	None Established	None Established	None Established	None Established
Water - 7732-18-5	None Established	None Established	None Established	None Established

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Component	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Potassium Chloride 7447-40-7 (<1)	Present	X	X	1-228	X	KE-29086	X	X
Water 7732-18-5 (to 100%)	Present	X	X	ENCS	X	KE-35400	X	X

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Potassium Chloride	7447-40-7	<1	None Established
Water	7732-18-5	to 100%	None Established

SARA 311/312 Hazard Categories

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

Clean Water Act

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Potassium Chloride 7447-40-7 (<1)	None Established	None Established	None Established	None Established
Water 7732-18-5 (to 100%)	None Established	None Established	None Established	None Established

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
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Potassium Chloride	7447-40-7	<1	None Established	None Established	None Established	None Established
Water	7732-18-5	to 100%	None Established	None Established	None Established	None Established

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Potassium Chloride	None Established	None Established
Water	None Established	None Established

U.S. State Regulations

Chemical Name	CAS-No	California Prop. 65
Potassium Chloride	7447-40-7	None Established
Water	7732-18-5	None Established

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Potassium Chloride	None Established	None Established	None Established	None Established	None Established
Water	None Established	None Established	None Established	None Established	None Established

International Regulations

Mexico - Grade No information available.

Chemical Name	Carcinogen Status	Exposure Limits
Potassium Chloride	None Established	None Established
Water	None Established	None Established

Canada**WHMIS Hazard Class**

Non-controlled

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>0</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	0	Fire Hazard	0	Reactivity	0		
Health Hazard	0								
Fire Hazard	0								
Reactivity	0								

Prepared By Regulatory Affairs Department

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Revision Date

Revision Note Initial Release.

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of MSDS