

Material Safety Data Sheet

General Information

Manufacturer:
Mettler-Toledo Thornton, Inc.
36 Middlesex Turnpike
Bedford, MA 01730

Phone Number: 781-301-8600
Hours: Mon. to Fri. 8:00AM to 5:00PM EST
Chemtrec Emergency Number: 800-424-9300

Chemical Information

Chemical Name	Potassium Chloride Conductivity Standard Solution
Trade Name	
Chemical Family	N/A
Chemical Formula	H ₂ O, KCl
<i>Principal Components</i>	<i>Percent (%)</i>
100 mS/cm	
Water (H ₂ O)	>93
Potassium Chloride(KCl)	<7
10 mS/cm	
Water (H ₂ O)	>99.3
Potassium Chloride(KCl)	<0.7
1 mS/cm	
Water (H ₂ O)	>99.93
Potassium Chloride(KCl)	<0.07
0.1 mS/cm	
Water (H ₂ O)	>99.993
Potassium Chloride(KCl)	<0.007

Physical Data

Boiling Point	212F, 100C
Vapor Pressure	(mm Hg/20 C): 17.5
Solubility in Water	Complete
pH	5 to 7
Evaporation Rate	N/A
Percent Volatile by Volume	N/A
Vapor Density	N/A
Appearance	Clear, colorless, odorless liquid

Fire and Explosion Hazard Data

Flash Point	N/A
Flammable Limits LEL (%)	N/A
Flammable Limits UEL (%)	N/A
Extinguishing Media	Use media suitable for surrounding fire (FP N)
Fire Fighting Procedures	

Fire and Explosion Hazards

None

Health Hazard Data

Emergency Overview:

Carcinogen

No

Routes of Entry:

Inhalation, Skin, Ingestion

Symptoms of Exposure:

N/A

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Potassium Chloride Conductivity Standard Solution MSDS Continued

First Aid Measures

Inhalation:	Remove to fresh air
Eyes:	Flush with water for 15 min.
Skin:	Flush with water for 15 min.
Ingestion:	Call MD immediately

Exposure Controls/ Personal Protection

Ventilation:	General Ventilation
Handling and Storing:	Keep containers tightly closed Store in cool, dry, ventilated area
Hygenic Procedures:	Good Laboratory practices
NFPA Hazard Rating	
Health:	0
Flammability:	0
Reactivity:	0
Special Hazards:	N/A

Environmental Protection Procedures

Spill Response:	Remove with sponge or mop
Waste Disposal Method	Dispose of in accordance with all applicable local, state, and federal environmental regulations

Revision History

Date MSDS Released:	
Rev A	28-Jun-06