

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 **Hydrochloric Acid Conductivity Standard Solution**
Trade Name
Chemical Family N/A
Chemical Formula H₂O, HCl
Principal Components *Percent (%)*
Water (H₂O) >99.999
Hydrochloric Acid(HCl) <0.001

Physical Data

Boiling Point 212F, 100C
Vapor Pressure (mm Hg/20 C): 17.5
Solubility in Water Complete
pH 4 to 5
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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Hydrochloric Acid 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:	1
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