EPAPAV0031634

Mettler-Toledo, Inc.

Address 1900 Polaris Parkway, Columbus, OH 43240-4035 USA
Phone 1-800-METTLER (1-800-638-8537)
Fax 1-614-438-4525
Internet www.mt.com

Material Safety Data Sheet

EMERGENCY NUMBERS:

(USA) CHEMTREC : 1(800) 424-9300 (24hrs)
(CAN) CANUTEC : 1(613) 996-6666 (24hrs)

01917101

WHMIS	Protective Clothing	TDG Road/Rail
Not controlled under WHMIS (Canada).		Not controlled under TDG (Canada). PIN: Not applicable. PG: Not applicable.

Section I. Product Identification and Uses

Product name	CONDUCTIVITY STANDARD 1413 uMHOS	CI#	Not available.
Chemical formula	KCl in H2O	CAS#	Not applicable.
Synonyms	C-1050	Code	C-1050
		Formula weight	Not applicable
Supplier		Supersedes	
Material uses	For laboratory use only.		

Section II. Ingredients

Name	CAS #	%	TLV
1) POTASSIUM CHLORIDE 2) WATER	7447-40-7 7732-18-5	<1.0 Balance	Not established by ACGIH Not established by ACGIH

Toxicity values of the hazardous ingredients

POTASSIUM CHLORIDE:
ORAL (LD50): Acute: 2600 mg/kg (Rat). 1500 mg/kg (Mouse).
INTRAVENOUS (LD50): Acute: 142 mg/kg (Rat). 117 mg/kg (Mouse).
INTRAPERITONEAL (LD50): Acute: 660 mg/kg (Rat). 620 mg/kg (Mouse).

Section III. Physical Data

Physical state and appearance / Odor	Colorless liquid.
pH (1% soln/water)	Not available.
Odor threshold	Not available.
Percent volatile	>90%
Freezing point	Not available.
Boiling point	Not available.
Specific gravity	Not available.
Vapor density	Not available.
Vapor pressure	Not available.
Water/oil dist. coeff.	Not available.
Evaporation rate	Not available.
Solubility	Miscible in water.

Section IV. Fire and Explosion Data

Flash point	Not applicable
Flammable limits	Not applicable.
Auto-ignition temperature	Not applicable.
Fire degradation products	Oxides of potassium. Chlorides. Hydrogen chloride.
Fire extinguishing procedures	Use extinguishing media suitable for surrounding materials. Wear adequate personal protection to prevent contact with material or its combustion products. Self contained breathing apparatus with a full facepiece operated in a pressure demand or other positive pressure mode.
Fire and Explosion Hazards	The sensitivity to static discharge is not available. The sensitivity to impact is not available. Emits toxic fumes under fire conditions.

Section V. Toxicological Properties

Routes of entry	Eye contact. Inhalation and ingestion.
Effects of Acute Exposure	May be harmful by ingestion and inhalation.
Eye	May cause irritation, redness and conjunctivitis.
Skin	May cause irritation and dermatitis.
Inhalation	May cause respiratory tract irritation. Exposure may cause coughing.
Ingestion	May cause gastrointestinal irritation, nausea, vomiting, weakness, insomnia, cardiac arrythmia.