

Material Safety Data Sheet

SECTION 1 – MANUFACTURER INFORMATION

Product name: VALIDATE® UC4 Calibration Verification Test Set
Product number: 704bc, 704ro, 704db, 704ri

Manufacturer: Maine Standards Company
Address: 765 Roosevelt Trail
Windham, ME 04062

Phone: 800-377-9684
Fax: 207-892-2266

The above listed Validate® product contains less than 2.0% Hydrochloric Acid. Hydrochloric Acid is not a known carcinogen. The ACGIH limit for humans is 5 ppm (0.5 mg/dL).

SECTION 2 – HAZARDOUS INGREDIENTS

Chemical Name	CAS #	Chemical Formula	Synonyms
Hydrochloric Acid	7647-01-0	HCl	Hydrogen Chloride

FIRST AID

Inhalation	Remove to fresh air. If breathing becomes difficult, call a physician.
Ingestion	Rinse mouth with water. Never give anything by mouth to an unconscious person. Contact a physician.
Skin	Wash liberally with soap and water. Remove contaminated clothing. Contact a physician.
Eyes	Flush eyes with water for 15 minutes. Contact a physician.

DOT Hazard Class	Not regulated
Potentially Biohazardous Ingredients	See package inserts for information relating to biohazard materials.

SECTION 3 – PHYSICAL DATA

Boiling Point (°C)	Not Applicable	Appearance and Odor	Clear yellow liquid, slight odor
Vapor Pressure (mm of Hg)	Not Applicable	Specific Gravity @ 20°C	Not Applicable
Vapor Density (air = 1)	Not Applicable	Evaporation Rate	Not Applicable
Solubility	Not Applicable	Melting Point	Not Applicable

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point	Not applicable	NFPA Rating: Health: 3
Extinguishing Media	foam, dry chemical or carbon dioxide	Flammability: 0
Special Procedures	Not applicable	Reactivity: 1
Unusual Fire / Explosion Hazards	Not known	

SECTION 5 – HEALTH HAZARD DATA

Health Hazards (acute and chronic)	Product is not expected to present a health hazard when employing good laboratory practice			
Medical Conditions Generally Aggravated by Exposure	Not known			
Routes of Entry	Eyes: Yes	Skin: Yes	Ingestion: Yes	Inhalation: No

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SECTION 6 – STABILITY AND REACTIVITY DATA

Stability	Stable under ordinary conditions of use and storage
Incompatibility	Not known
Decomposition	Not known
Hazardous Polymerization	Not known

SECTION 7 – SPILL OR LEAK PROCEDURES

Spill Procedures	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in a suitable container.
Waste Disposal Procedures	Dispose of according to local, state and federal regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory	None
Protective Clothing	Normal laboratory apparel including lab coats, gloves and eye protection
Ventilation	Mechanical (general)
Hygienic Practices	Wash hands with soap and water after handling

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