

HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT	Fire	0	Reactivity
	Health	1	0
		0	Special
		0	
		0	

MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910. 1200)

Date Prepared: 4-11-12

SECTION 1 - PRODUCT IDENTIFICATION

Company Name Multi-Steam	Emergency Telephone No. 203-626-7759
Address Wallingford, Connecticut	Information Telephone No. 203-626-7759
Product Name / ID# Formula D (1138)	Product Type Rinse Additive <input checked="" type="checkbox"/> Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Hydroxyacetic Acid	79-14-1	< 3%	3ppm(Industry Recommended)
Oxalic Acid	144-62-7	< 3%	0.27ppm (ACGIH)

* Substances Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) approx. 212°F	Specific Gravity (H ₂ O=1.0) 1.0144 ± 0.005	pH 2.0 ± 0.5	% VOC (ww) 0
Solubility in Water <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable or (Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs H ₂ O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Vapor Pressure NE	Vapor Density NE	

Appearance and Odor Clear, colorless liquid. Nil odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) <input checked="" type="checkbox"/> None to boiling	Flammable Limits Upper NA Lower NA
Extinguishing Media NA	
Special Fire Fighting Procedures NA	
Unusual Fire Explosion Hazards NA	

SECTION 5 - REACTIVE DATA

Stability Stable	Incompatibility Ammonia, alkalis
Hazardous Decomposition Products Oxides of Carbon	

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV <input checked="" type="checkbox"/> None Established <input type="checkbox"/> Not Applicable	Primary routes of Exposure <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation
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Signs Symptoms of Over-exposure (Acute) May be highly irritating to the eyes. Can cause irritation to the skin. Excessive inhalation of mists may cause irritation of the respiratory tract. May be irritating to the digestive system if swallowed.

Signs Symptoms of Over-exposure (Chronic) NA

Medical Conditions Aggravated by Over-exposure Open sores. Eye or skin allergies.

Carcinogen/Suspected Carcinogen Ingredients: NTP IARC OSHA None

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes Flush with water for 15 minutes.
Skin Flush with water for 15 minutes. Remove contaminated clothing and wash before reusing.
Ingestion Give plenty of water to dilute stomach contents. Do not induce vomiting. Call a physician immediately
Inhalation Remove to fresh air. If qualified, give oxygen or artificial respiration as needed and/or seek medical help.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None usually needed in normal usage	
Ventilation requirements <input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical As needed to keep below any listed TLV's	
Protective Gloves Rubber	Eye Protection Chemical goggles
Other Protective Clothing Rubber apron.	

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Dilute with water and then neutralize with mild base. Mop or vacuum up. Rinse residue with plenty of water.

Waste Disposal Methods Check all government regulations. Probable to flush diluted neutralized material into sanitary sewer system.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Store so as to be inaccessible to children. Wash thoroughly after handling.