

N/A = Not Applicable

## MATERIAL SAFETY DATA SHEET

(Prepared According To 29 CFR 1910.1000)

Effective Date 1/91

113ng.

## SECTION 1 - PRODUCT IDENTIFICATION

Product Name: *TH Cleaning (11875)*

Generic Name: Porcelain &amp; Bowl Cleaner

Supplier's Name: *Mesaco Inc*Supplier's Address: *800 E 1st St, Wichita KS 67203*

Proper Shipping Name: Compound, Cleaning, Liquid (containing Hydrochloric (Muratic) Acid) corrosive material - NA1789

NPCA Hazardous Materials  
Identification System

Health

Flammability

Reactivity

Maximum Personal Protection

## SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARD
Water	7732-18-5	to 100				
Hydrogen Chloride	7647-01-0	9.0	CS ppm	CS ppm	N/A	
Nonionic Surfactant	26027-38-3	0 to 5				
Xanthan Gum	11138-66-2	0 to 5				
Perfume Oil	119-36-8	0 to 5				
Dye	N/A	0 to 5				
Quaternary Ammonium Chloride Compound	68424-95-3	0.05				

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
7647-01-0	Hydrochloric Acid	9.0

## SECTION 3 - PHYSICAL DATA

Boiling Range (°F):	214°F initial	Specific Gravity:	1.05
Vapor Pressure:	25mm Hg @ 68°F	Vapor Density:	(Air=1); >1
% Volatile:	95+	pH:	<1.5
Solubility in Water:	100%	Evaporation Rate:	(Water=1); <1
Physical Description: Thick blue liquid with pleasant odor.			

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	N/A
Upper Explosive Limit:	N/A
Lower Explosive Limit:	N/A
Extinguishing Media:	N/A
Special Fire Fighting Procedures:	N/A
Unusual Fire and Explosion Hazards:	N/A

## SECTION 5 - REACTIVITY DATA

Stability:	Stable.	Hazardous Polymerization:	Will not occur
Incompatibility (Materials to Avoid):		Strong alkalies, most metals, bleach.	
Hazardous Decomposition Products:		Hydrogen or chlorine gas.	

## SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
Keep out of reach of children. For use by trained personnel only.
Keep container closed during storage. For institutional and industrial use only.

## SECTION 7 - HEALTH HAZARDS AND FIRST AID

## Effects of Overexposure:

## Primary Route of Entry:

Skin:	Severe irritant. Prolonged or repeated exposure can cause dermatitis.
Eyes:	Severe eye irritant. Liquid and mists can cause tearing, possible swelling of the conjunctiva, and corneal injury.
Inhalation:	May be irritating to mucous membranes of the nose, throat, and lungs.
Ingestion:	May be irritating or corrosive to the mouth, throat, and upper gastrointestinal tract. Large doses can cause vomiting.

## First Aid Procedures:

Skin:	Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists.
Eyes:	Flush eyes with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation:	Get to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Ingestion:	Do not induce vomiting. Give large quantities of water or milk. Seek medical attention immediately.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use with adequate ventilation.

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below exposure limit.

Protective Gloves: Acid proof.

Eye Protection: Safety glasses.

Other Protective Equipment: N/A

## SECTION 9 - SPILL OR LEAK PROCEDURES

## Steps to be Taken in Case Material is Released or Spilled:

Map up or otherwise absorb and hold for disposal.

## Waste Disposal Method:

Any method in accordance with applicable laws.