

SUPERIOR MANUFACTURING MATERIAL SAFETY DATA SHEET

MFG.CODE # HR24200

SECTION I

MANUFACTURER'S NAME SUPERIOR MANUFACTURING		EMERGENCY TELEPHONE NO. Infotrac: 800.535.5053
ADDRESS (Street, City, State and Zip Code) 4520 Glenmeade Ln. Auburn Hills, MI 48326		
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS No. 205 RESTROOM CLEANER	
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II – HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (UNITS)
Hydrochloric Acid CAS #7647-01-0	>1	5 ppm
This product contains 0.25 lbs. Hydrochloric Acid per quart of product. Hydrochloric Acid is a regulated chemical under The Emergency Planning and Right-to-Know Act. You are required to file E.P.A. SARA reports once the threshold of 10,000 pounds of Hydrochloric Acid has been purchased for one location in each calendar year.		
All components of this product are listed on the E.P.A./TSCA inventory of chemical substances.		

SECTION III – PHYSICAL DATA

BOILING POINT (°F)	212°F	SPECIFIC GRAVITY (H2O = 1)	1.04
VAPOR PRESSURE (mm. Hg.)	25	PERCENT VOLATILE BY VOLUME (%)	95
VAPOR DENSITY (AIR = 1)	heavier	EVAPORATION RATE (Water =1)	1
SOLUBILITY IN WATER	complete	PH	1
APPEARANCE AND ODOR Clear viscous red liquid with sassafras odor			

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT (Method Used) None T.O.C	FLAMMABLE LIMITS _____	Lel N/A	Uel N/A
EXTINGUISHING MEDIA Foam, Carbon Dioxide, Water Spray			
SPECIAL FIRE FIGHTING PROCEDURES Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode.			
UNUSUAL FIRE AND EXPLOSION HAZARDS This product is non-flammable; however, it will react with metals to produce Hydrogen, a flammable gas.			

(Continued on reverse side)

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 5 ppm	PRIMARY ROUTES OF ENTRY	Inhalation <input checked="" type="checkbox"/>	Skin Contact <input checked="" type="checkbox"/>	Other (Specify) <input type="checkbox"/>
EFFECTS OF OVEREXPOSURE COROSIVE LIQUID – can cause irritation or chemical burns to skin, mucous membranes, and severe chemical burns to the eyes. Vapors will irritate or chemically burn respiratory tract.				
EMERGENCY AND FIRST AID PROCEDURE Eyes – flush with copious amounts of water lifting lids and removing contact lenses to ensure complete irrigation – get medical attention. Skin – flush with water and then wash with soap and water, launder contaminated clothing before reuse. – get medical attention if irritation persists. Inhalation – remove to fresh air and assist breathing as necessary – get medical attention. Ingestion – DO NOT INDUCE VOMITING – give teaspoon of Milk of Magnesia, chalk, or small pieces of soap softened with water, milk or raw egg whites – get medical attention.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None Known				
Carcinogen: NTP <input type="checkbox"/> IARC <input type="checkbox"/> OTHER <input type="checkbox"/> No				

SECTION VI – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Freezing
	STABLE	X	
INCOMPATIBILITY (Conditions to avoid) Alkalis, Reactive metals, Strong oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS Hydrogen chloride, Chlorine, possible Phosgene			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	None

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Ventilate area, dike area to contain spill. Neutralize with Soda Ash, Bicarbonate of Soda, or dilute Caustic Soda solution and flush to sewer in accordance with regulatory permit requirements. If possible, clean area on a dry basis and then flush to sewer.
WASTE DISPOSAL METHOD Dispose of spilled or waste product, contaminated soil and other contaminated material in a licensed landfill or treatment facility in accordance with all local, state and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

SPECIAL RESPIRATORY PROTECTION (Specify type) Use NIOSH approved acid-gas respiratory where TLV has been exceeded.		
VENTILATION	LOCAL EXHAUST To control TLV	SPECIAL N/A
	MECHANICAL (General) To control TLV	OTHER N/A
PROTECTIVE GLOVES Impervious	EYE PROTECTION Chemical goggles	
OTHER PROTECTIVE EQUIPMENT Impervious apron and boots, eyewash and safety shower		

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact – wear protective clothing and wash thoroughly after using. Avoid inhalation of vapors – use only with adequate ventilation. Do not take internally. Keep container closed when not in use. Do not use on Marble, Terrazzo, Aluminum or Magnesium. Avoid freezing.
OTHER PRECAUTIONS Do not take internally. Keep Out of Reach of Children

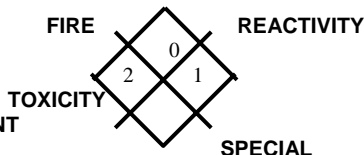
HMIS SYMBOL

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1

HMIS NFPA

SEVERE 4 EXTREME
SERIOUS 3 HIGH
MODERATE 2 MODERATE
SLIGHT 1 SLIGHT
MINIMAL 0 INSIGNIFICANT

NFPA SYMBOL



NAME	John Telles
SIGNATURE	
TITLE	CHEMIST
PREPARATION DATE	January 24, 2020
PHONE NUMBER	Infotrac: 800.535.5053