

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

Product Identity – Section I

Product Name: **MICRO FINISH GEL**
CAS #: See Below
Manufacturer: Arcal Chemicals, Inc.
Address: 223 Westhampton Avenue
Capitol Heights, MD 20743

Emergency Tele: (800) 424-9300
Revision Date: January 1, 2011
Other Tele: (301) 336-9300
Fax: (301) 336-6597

HAZARDOUS INGREDIENTS / OTHER COMPONENTS – SECTION II

MATERIAL / CAS #	ACGIH (TLV – TWA)	OSHA (PEL -TWA)
Hydrochloric Acid (Muriatic Acid) / CAS #7647-01-1	5 ppm	5 ppm

PHYSICAL DATA – SECTION III

APPEARANCE : Translucent thickened gel-like dispersion	ODOR: Acid Odor	MELT POINT: N/A	SPECIFIC GRAVITY: 1.15
VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: 95%	BULK DENSITY: 9.6 lb/gal	BOILING POINT: > 100°C
VAPOR PRESSURE: 40 mmHg	% SOLUBILITY (H2O): 95% Soluble / 100% Dispersible		

FIRE AND EXPLOSION HAZARD DATA – SECTION IV

FLASH POINT: None	NFPA FIRE HAZARDS		
FLAMMABLE LIMITS LEL: N/A UEL: N/A			
EXTINGUISHING MEDIA: Water Spray	HEALTH		3
SPECIAL FIRE FIGHTING PROCEDURES: Use Self-contained breathing apparatus to avoid breathing HCl vapors	FLAMMABILITY		0
	REACTIVITY		0
	SPECIFIC		
UNUSUAL FIRE AND EXPLOSION HAZARDS: None			
DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: Possibly Chlorine Gas			
EMPTY CONTAINER WARNING: Vapors may cause respiratory irritation	4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT		

REACTIVITY DATA – SECTION V			
Stability:	CONDITIONS TO AVOID: None Known		
INCOMPATIBILITY (MATERIAL TO AVOID): Alkalis, metals			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Chlorine gas if sufficient oxygen is available			
HAZARDOUS POLYMERIZATION: Will not occur		CONDITIONS TO AVOID: None Known	
HEALTH HAZRD DATA – SECTION VI			
Route(s) of Entry:	Inhalation?	Yes	Skin? Yes
			Ingestion? Yes
Health Hazards (Acute and Chronic): Severe burns on skin and eyes; irritation of respiratory track; Chronic exposure could result in skin irritation and/or lung problems			
CARCINOGENICITY: None Known	NTP?	IARC Monographs?	OSHA?
MEDICAL CONDITIONS GENERALLY AGGRAVATED by EXPOSURE: Asthma and other respiratory problems, dermatitis			
EMERGENCY AND FIRST AID PROCEDURES			
EYE CONTACT: Rinse with large amounts of water for at least 15 minutes. Get immediate medical attention. SKIN CONTACT: Remove contaminated clothing, flush exposed area with large amounts of water. Get medical attention INHALATION: Remove person to fresh air, give oxygen if breathing is difficult. Get medical attention. Never give anything by mouth to an unconscious victim.			
INGESTION:. DO NOT INDUCE VOMITING . If conscious, give large quantities of water or milk and get medical attention.			
PRECAUTIONS FOR SAFE HANDLING AND USE – SECTION VII			
Steps to be taken in case material is released or spilled: Scoop up material for reuse with a plastic scoop if possible. Neutralize other residue with dry soda ash or lime. Allow to react (10 minutes), then flush thoroughly with water.			
Waste Disposal Method: Recovered solids or liquids may be sent to a licensed reclaimer, or disposed in accordance with federal, state, and local regulations.			
Precautions to be taken in handling and storing: Store in cool, well-ventilated area, away from alkalis and metal.			
CONTROL MEASURES – SECTION VIII			
Respiratory or breathing apparatus: Respirator rated for acid fumes or self contained breathing apparatus.			
Ventilation:	Local Exhaust: Yes	Special:	
	Mechanical:	Other:	
Protective Gloves: Rubber		Eye Protection: Goggles and face shield	
Other Protective Clothing or Equipment: Chemical resistant apron			
TRANSPORTATION INFORMATION			
UN1789, Hydrochloric Acid, 8, PG: II (LABEL: Corrosive)			