

TILE CLEAN-F-

PAGE 1

MATERIAL SAFETY DATA SHEET			
SECTION 1 - PRODUCT SOURCE AND IDENTITY			
SUPPLIER'S NAME & ADDRESS Arrow Chemical Co. 2217 Border Avenue Torrance, CA 90501	PRODUCT DESCRIPTION NAME TILE CLEAN-F- PURPOSE: Forms a gel with water or acid for spot maintenance. Proprietary Formula Code: ARO_TCF	DATE OF ISSUE: JULY 10, 1996	
FAX NUMBER: 310-618-0978	PRODUCT INFORMATION (BUS HOURS)		310-320-6246
SECTION 2 - SHIPPING CLASSIFICATION			
PROPER SHIPPING NAME, HAZARD CLASS, UN/NA NUMBER, PACKAGING GROUP, EMERGENCY RESPONSE GUIDE NUMBER			
APPROPRIATE FOR NON-BULK LAND SHIPMENT			
NOT REGULATED			
LABELS REQ'D: NONE			
QUALIFIES FOR "CONSUMER COMMODITY" ORM-D: NOT APPLICABLE			
REPORTABLE QUANTITY INFORMATION: NONE			
SECTION 3 - SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION			
REPORTING REQUIRED BY TITLE III SEC 313, 40 CFR 372 (*), 29 CFR 1910.1200 EXPOSURE LIMIT VALUES			
CAS#	313 MATERIAL OR COMPONENT	%	TWA STEL
Contains no hazardous materials according to these criteria.			
No components are listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 1995-96" from ACGIH except as listed above. Components listed in TITLE III SEC 313 are indicated by "Yes" above.			
EMERGENCY OVERVIEW: Offers no unusual hazards. Use standard industrial good practices.			
HMIS HAZARD RATINGS: HEALTH 1 FIRE 0 INSTABILITY 0 OTHER NA			
NFPA HAZARD RATINGS: HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 SPECIAL NA			
HAZARD RATINGS: LEAST: 0 SLIGHT: 1 MODERATE: 2 HIGH: 3 EXTREME: 4			
THRESHOLD LIMIT VALUE: Not established on product.			
SARA	Section 302	NONE	U.S. FEDERAL REGULATIONS:
TITLE III	Section 311/312	NONE	TSCA STATUS: All ingredients listed.
	Section 313	See above	CERCLA REPORTABLE QUANTITY: NONE
SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE:	Clear viscous liquid	FLASH POINT deg F (CC):	None
ODOR:	None	INITIAL BOILING POINT deg C:	100°C+/-
SPECIFIC GRAVITY:	>1	VAPOR PRESSURE 20 deg C:	NA
pH REACTION:	Neutral	FREEZING POINT deg F:	NA
% PHOSPHOROUS:	None	SOLUBILITY IN WATER:	100%
REPRODUCTIVE IMPLICATIONS: None			
INGREDIENT ON CANCER LISTS: None			
Directions: Mix with muriatic acid to form gel for treatment of rust stains, etc.			

TILE CLEAN-F-

PAGE 2

SECTION 5 - SAFE HANDLING AND STORAGE**GENERAL:**

Maintain good housekeeping practices. Spills may be slippery.

PROTECTIVE EQUIPMENT**EYES:** No special protection needed.**SKIN:** No special protection needed.**RESPIRATORY PROTECTION:** None normally required in recommended application procedures.**VENTILATION:** None required.**OTHER:** None**SECTION 6 - HEALTH SAFETY DATA****EFFECTS OF CHRONIC OVER EXPOSURE:****EYES:** Can cause irritation.**SKIN:** None likely, but repeated contact can defat and cause irritation.**INHALATION:** Viscous nature of product makes mists unlikely.**INGESTION:** Not a likely source of exposure. Dilute with milk or water. Non toxic.**SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA****EXPLOSIVE LIMITS**

UPPER ND LOWER ND

CHEMICAL stable X

STABILITY unstable

HAZARDOUS may occur

POLYMERIZATION cannot occur X

FLASH POINT: See Sec 4**CONDITIONS TO AVOID:** None known**HAZARDOUS DECOMPOSITION PRODUCTS:**

None known

INCOMPATIBILITY: None known**SECTION 8 - EMERGENCY RESPONSE PROCEDURES****FIRE** **EXTINGUISHING MEDIA:** Use fire fighting media proper to primary source of fire.
UNUSUAL HAZARDS Fire may eventually ignite product.**FIRST AID**
EYES: Flush with water for at least 15 min. Seek medical attention.
SKIN: Rinse exposed skin with water until gone. Remove affected clothes, rinse off product and wash clothes before reuse.
INHALATION: If affected, remove individual to fresh air. No problems expected.
INGESTION: Dilute by giving large amounts of water or milk. Get medical attention. Do not induce vomiting.**SPILLS** **SMALL/LARGE SPILL:** Vacuum or mop up as much as possible for use. See Sec 5. Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills.

Information presented herein has been compiled from sources considered to be accurate and reliable, but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied.

MSDS prepared by: R.N. Miller