

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT SOURCE AND IDENTITY

Supplier identity and address	Product description:	Date: June 18, 2008
Aire-Master of America, Inc. P.O. Box 2310 1821 No. Highway CC Nixa, MO 65714	Name: Acid Floor Cleaner Purpose: Low foam mild acid cleaner Proprietary Formula Code: AMAI AFC	
Transportation emergency: 800-535-5053	Product information: 417-725-2691	
Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number Compounds, cleaning liquid, NA1760, 8, PG III (Contains Phosphoric acid) ERG 154		
Labels required per 49 CFR 172.101:	Corrosive	
Size for "Limited quantity" per 49 CFR 173.150-.155:	1 gal (11#), 66# max.	
Reportable Quantity ("RQ") per 49 CFR 172.101:	None or not possible in one non-bulk package	

SECTION 3- SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

Reporting required by Title III Sec 313, 40CFR 372, 29CFR 1910.1200		Exposure Limit Values				
CAS#	313, dm	Material or Component	%	RQ#	TWA	STEL
7664-38-2	Yes,1	Phosphoric acid	1.5	5000	1 mg/m3	3 mg/m3
Product also contains non regulated detergents which may contribute to eye and skin irritation.						
dm= minimum concentration in waste which must be reported.						

No component is listed in "THRESHOLD LIMIT VALUES & BIOLOGICAL EXPOSURE INDICES FOR 2008" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components. Users who require this information are referred to primary suppliers of the ingredients of interest.

Emergency overview: Acid liquid. Follow label directions. Avoid contact with skin and eyes.
Store in original container. Keep covered when not in use.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	No	No	No	
Delayed	No	No	XXX	XXX	

HMIS Hazard Ratings: Health 2 Fire 0 Instability 0 Other D (Face mask, gloves, apron)

NFPA 704 Hazard Ratings: Health 2 Flammability 0 Reactivity 0 Special Cor

Hazard ratings are partly subjective, and may differ between preparers.

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

Threshold limit value: Not established on product.

TOSCA Status: All ingredients listed CERCLA RQ: See Sec 2.

California Prop. 65: None

SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thin blue liquid	Flash point deg. F (cc):	None
Odor:	Perfumed	Initial boiling point deg. C:	ND
Specific gravity:	>1	Vapor pressure 20 deg C:	ND
pH reaction:	Approx. 0.5	Freezing point deg. C:	ND
% phosphorous:	0.5	Solubility in water:	100%
VOC content:	None		
California Rule 102 (66):	Contains no photo chemically active materials.		
Reproductive implications:	None		
Ingredients on cancer lists:	None		

SECTION 5 - SAFE HANDLING AND STORAGE	
General	Avoid contact with eyes and skin. Wash off immediately after contact. Do not breathe mists. Keep lid on containers when not in use. Do not store in metal container.
Protective equipment	
Eyes	Safety glasses or goggles should be worn if there is possibility of eye contact.
Skin	Impermeable gloves and apron such as rubber, PVC or neoprene are recommended.
Respiratory protection	None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for acid mists.
Ventilation	As required for worker comfort.
Other	None
SECTION 6- HEALTH SAFETY DATA	
Effects of acute and chronic over exposure	
Eyes	None.
Skin	Can cause irritation from defatting the skin, and delayed awareness of acid burns.
Inhalation	Mists may be irritating to breathing passages.
Ingestion	Not a likely source of chronic exposure.
SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA	
Explosive limits	Flash point: See Sec 4
Lower None	Upper None
Chemical stability	Stable
Hazardous polymerization	Cannot occur
Conditions to avoid:	Unintentional contact with metals
Hazardous decomposition products	Acid fumes
Incompatibility:	Alkaline materials, metals.
SECTION 8- EMERGENCY RESPONSE PROCEDURES	
Fire	Extinguishing media Use media appropriate to source of fire.
	Unusual hazards Acid fumes produced on heating.
First Aid	Eyes Flush with water for at least 15 min. Seek medical attention.
	Skin Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse. Watch for delayed skin corrosion.
	Inhalation If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
	Ingestion Dilute by giving large amounts of water or milk. Get medical attention. Do not induce vomiting.
Spills	Small / large spill Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways.
Product as made has the characteristic of corrosivity, like " Unlisted Hazardous Waste D002", RQ 100#. Note: After use, the combined wash and rinse water may no longer be corrosive.	
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