

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	FOAMING ACID CLEANER		
<b>PRODUCT CODE</b>	UW-FA-5G	<b>MANUFACTURED FOR</b>	MYERS CHEMICAL
<b>ISSUE DATE</b>	06-22-01	<b>STREET ADDRESS</b>	831 THIRD ST
<b>SUPERCEDES</b>	03-22-01	<b>CITY, STATE ZIP</b>	HOT SPRINGS, AR 71913
		<b>PHONE</b>	501-623-7742

### EMERGENCY TELEPHONE NUMBER

1-800-627-8740

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	EXPOSURE LIMITS			OTHER LIMITS
		OSHA PEL/TLV	ACGIH TLV	STEL	
Phosphoric Acid	7664-38-2	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>	3mg/m <sup>3</sup>	Not Applicable
Sulfuric Acid	7664-93-9	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>	mg/m <sup>3</sup>	Not Applicable

## SECTION 3 – HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Eye irritation, mucous membrane irritation, and possible skin irritation.
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<b>POTENTIAL HEALTH EFFECTS</b>	
<b>INGESTION</b> .....	Mucous membrane irritation and burning.
<b>INHALATION</b> .....	Mucous membrane irritation and burning.
<b>EYE CONTACT</b> .....	Irritation and burning.
<b>SKIN CONTACT</b> .....	Burning is possible on prolonged exposure.

## SECTION 4 – FIRST AID MEASURES

<b>INGESTION</b>	DO NOT INDUCE VOMITING. Drink large quantity of water or milk. <b>See a physician immediately.</b>
<b>INHALATION</b>	Not likely to occur under conditions of use.
<b>EYE CONTACT</b>	Flush with water for 15 minutes. <b>See physician immediately.</b>
<b>SKIN CONTACT</b>	Flush with water; if irritation persists get medical attention.
<b>NOTE TO PHYSICIAN</b>	Treatment based on judgment of the physician in response to reactions of the patient.

**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT / METHOD	N/A	FLAMMABLE LIMITS	N/A
% VOLATILE	82		
EXTINGUISHING MEDIA	Water mist, dry chemical, CO2, alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	On prolonged contact with aluminum or zinc this product will produce hydrogen gas, which can form explosive mixtures in air.		

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	Stop leak, dilute spilled material with sodium bicarbonate solution to greater than pH 6.5.
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**SECTION 7 – HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a dry, cool place.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.
ENGINEERING CONTROLS	Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.

	<b>RESPIRATOR</b>	Not required
X	<b>GOGGLES / FACE SHIELD</b>	Required; Chemical splash type.
	<b>APRON</b>	Not required
X	<b>GLOVES</b>	Required; Chemical resistant type.
	<b>BOOTS</b>	Not required

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Amber liquid	BOILING POINT	225° F
ODOR	Acidic	VAPOR PRESSURE	N/A
PH 1%	< 2	VAPOR DENSITY	N/A
SPECIFIC GRAVITY		EVAPORATION RATE (butyl acetate=1)	N/A
SOLUBILITY IN WATER	N/A		

**SECTION 10 – STABILITY AND REACTIVITY**

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Strong bases, Aluminum or Zinc					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of sulfur and carbon					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	N/A					

**SECTION 11 – TOXICOLOGICAL INFORMATION**

## CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z

## OTHER EFFECTS

<b>ACUTE</b>	Eye irritation, mucous membrane irritation, and possible skin irritation.
<b>CHRONIC</b>	Not known.
<b>ORAL LD/50</b>	Unknown.

**SECTION 12 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL	Flush diluted material to sewer.
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**SECTION 13 – TRANSPORT INFORMATION**

DOT CLASSIFICATION		<b>HAZARDOUS</b>	X		<b>NOT HAZARDOUS</b>	
<b>DESCRIPTION</b>	Corrosive liquid, n.o.s. (contains phosphoric acid and sulfuric acid), 8, UN 1760, PG II.					
HM CODE	150					

**SECTION 14 – OTHER INFORMATION**

## HMIS CLASSIFICATION

2	<b>BLUE</b>	HEALTH HAZARD
0	<b>RED</b>	FLAMMABILITY
0	<b>YELLOW</b>	REACTIVITY
Acid	<b>WHITE</b>	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by MYERS SUPPLY, INC. in connection with the use of this information.