

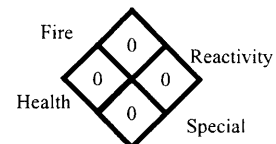
SAFTEY DATA SHEET

1 PRODUCT IDENTIFICATION

FABPRO®

FABPRO MANUFACTURING INC.
3000 E. Preston Street Baltimore, MD 21213
Tel 410-325-5040
Internet: www.fabpro.com

HAZARD RATING
4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT



CHEMICAL NAME SYNONYM

B-HYDROXY TRICARBOXYLIC ACID

CHEMICAL FAMILY:
ORGANIC ACID

TRADE NAME SYNONYM

CITRIC ACID

2 HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

ROUTE OF EXPOSURE

INHALATION	NO
SKIN ABSORPTION	NO
INGESTION	NO
SKIN CONTACT	NO
EYE CONTACT	YES-DIRECT CONTACT MAY CAUSE IRRITATION

2 COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT	%	CAS NUMBER
2-HYDROXY PROPANETRICARBOXYLIC ACID	50-95	77-92-9

4 FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE	UNKNOWN
EFFECTS OF OVEREXPOSURE	UNKNOWN

EMERGENCY FIRST AID PROCEDURES

EYES: FLUSH WITH WATER FOR 15 MINUTES IF IRRITATION PERSISTS SEE A PHYSICIAN	SKIN: WASH WITH WATER THOROUGHLY IF IRRITATION PERSISTS SEE A PHYSICIAN
INHALATION: MOVE TO FRESH AIR IF IRRITATION PERSISTS SEE A PHYSICIAN	INGESTION

NOTES TO PHYSICIAN:

5 FIRE FIGHTING MEASURES

FLASH POINT (TOC)	NONE	AUTOIGNITION TEMPERATURE	N/A
FLAMMABLE LIMITS IN AIR % BY VOL. LOWER	N/A	UPPER	N/A
EXTINGUISHING MEDIA	FOAM, CO2, DRY CHEMICAL, WATER FOG		
SPECIAL FIRE FIGHTING PROCEDURES	USUAL FIRE FIGHTING PROCEDURES CAN BE USED		
UNUSUAL FIRE AND EXPLOSION HAZARD	NONE KNOWN		

6-ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: FLUSH WITH WATER OR SWEEP UP (NON-HAZARDOUS WASTE)			
NEUTRALIZING CHEMICALS			
WASTE DISPOSAL METHOD: WASTE MAY BE DISCHARGED AS NON-HAZARDOUS WASTE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS			
7 HANDLING & STORAGE			
NO SPECIAL REQUIREMENT			
8 EXPOSURE CONTROL/PERSONAL PROTECTION			
SPECIFIC PERSONAL PROTECTIVE EQUIPMENT		RESPIRATORY (SPECIFY IN DETAIL)	
NONE		NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT	
EYE: GOGGLES SUGGESTED		GLOVES: NOT NORMALLY REQUIRED	
OTHER CLOTHING AND EQUIPMENT		NONE	
9: PHYSICAL DATA			
BOILING POINT:	N/A	MELTING POINT:	ND
SPECIFIC GRAVITY	1.0	VAPOR PRESSURE	ND
VAPOR DENSITY(AIR=1)	N/A	SOLUBILITY IN H₂O BY WT.	COMPLETE
%VOLATILES BY WT.		EVAPORATION RATE (BUTYL ACETATE=1)	ND
APPEARANCE AND ODOR		WHITE FREE FLOWING POWDER	
10: STABILITY & REACTIVITY			
CONDITIONS CONTRIBUTING TO INSTABILITY	NONE	INCOMPATIBILITY	ALKALIS HIGH pH
HAZARDOUS DECOMPOSITION PRODUCTS WHEN EXPOSED TO FIRE EMITS NORMAL PRODUCTS OF COMBUSTION	YES	CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION	NONE
11: TOXICOLOGICAL INFORMATION			
NONE KNOWN			
12: ECOLOGICAL INFORMATION			
NONE KNOWN			
13: DISPOSAL CONSIDERATIONS			
IN ACCORDANCE TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS			
14: TRANSPORT INFORMATION			
REFER TO BILL OF LADING OR CONTAINER LABEL			
15: REGULATORY INFORMATION			
USA (TSCA), CANADA (DSL)			
16: OTHER INFORMATION			
PRECAUTIONARY STATEMENTS		WASH AFTER HANDLING AND KEEP OUT OF REACH OF CHILDREN	
DISCLAIMER OF LIABILITY			
One should always use chemicals with an awareness of the potential hazard (known and unknown) of their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product, and to keep the level of exposure commensurate with good industrial hygiene practices.			
The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of the material and the results to be obtained from the use thereof.			
ND-NOT DETERMINED		NA-NOT APPLICABLE	NE-NOT ESTABLISHED
DATE 06-10-2014 - CITRIC ACID			