SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION

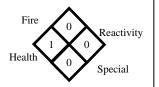
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HAZARD RATING 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT



CHEMICAL NAME SYNONYM MIXTURE CHEMICAL FAMILY: INORGANIC GAS MIXTURE TRADE NAME SYNONYM **AMMONIA ALKALINE SOLUTION 7% 2 HAZARDS IDENTIFICATION**

HEALTH HAZARD DATA: GHS Classification:



HEALTH HAZARD DATA						
ROUTE OF EXPOSURE						
INHALATION	YES	YES				
SKIN ABSORPTION	LOW	LOW				
NGESTION	YES-CAN	YES-CAN CAUSE DISCOMFORT IF TAKEN INTERNALLY				
SKIN CONTACT	NO-PROI	NO-PROLONG CONTACT MAY CAUSE SKIN IRRITATION				
EYE CONTACT	YES-DIR	YES-DIRECT CONTACT CAN CAUSE SEVERE IRRITATION				
3 COMPOSITION/I	NEORMATION (ON INCREDIENTS				
MATERIAL OR COMPONENT	%					
AMMONIUM HYDROXIDE	7-14	1336-21-6				
	ST AID MEASUR					
EFFECTS OF OVEREXPOSURE	ST THE WILLISET					
ACUTE OVEREXPOSURE	UNKNOV	UNKNOWN				
EFFECTS OF OVEREXPOSURE		UNKNOWN				
EMERGENCY FIRST AID PROCEDURES	<u>'</u>					
EYES: FLUSH WITH WATER FOR 15 MINUTES	SKIN: WA	SKIN: WASH WITH WATER THOROUGHLY				
F IRRITATION PERSISTS SEE A PHYSICIAN	IF IRRIT	IF IRRITATION PERSISTS SEE A PHYSICIAN				
NHALATION: MOVE TO FRESH AIR	INGESTI	INGESTION: DRINK MILK AND WATER				
F IRRITATION PERSISTS SEE A PHYSICIAN	AND SEE	AND SEE A PHYSICIAN				
NOTES TO PHYSICIAN:	·					
5 FIDE B	TIGHTING MEAS	TIDES				
FLASH POINT (TOC)	+200 °F	AUTOIGNITION TEMPERATURE	N/A			
FLAMMABLE LIMITS IN AIR % BY VOL. LOWER	N/A	UPPER	N/A			
EXTINGUISING MEDIA	= 17 = =	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, (NON-HAZARDOUS WASTE)							
NEUTRALIZING CHEMICALS							
WASTE DISPOSAL METHOD: WASTE MAY BE DISCHARGED INTO SANITARY SEWER AS NON-HAZARDOUS WASTE							
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.							
7 HANDLING & STORAGE							
KEEP AWAY FROM HEAT, KEEP AWAY FROM EYES, AND PROLONGED CONTACT WITH SKIN							
8 EXPOSURE CONTROL/PERSONAL PROTECTION							
SPECIFIC PERSONAL PROTECTIVE EQUIPMEN		RESPIRATORY (SPECIFY IN D	TTATE	<u> </u>			
SPECIFIC PERSONAL PROTECTIVE EQUIPMEN		MAL ROOM VENTILATION SHOULD BE SUFFICIENT					
EYE: MONOGOGGLES SUGGESTED		GLOVES: IMPERMEABLE GLOVES SUGGESTE					
OTHER CLOTHING AND EQUIPMENT		NONE					
OTHER CLOTHING AND EQUI MENT	0. DHV	SICAL DATA					
BOILING POINT:	9: PH 1 100°C	MELTING POINT:	BELOW 32°F pH: 10.0-11.6				
SPECIFIC GRAVITY(WATER=1)	1.0	VAPOR PRESSURE	ND				
VAPOR DENSITY(AIR=1)	>1.0	SOLUBILITY IN H ₂ O BY WT.		SOLUBLE			
%VOLATILES BY WT.	/1	EVAPORATION RATE	>1				
70 VOLATILES BT WT.		(BUTYL ACETATE=1)	^1				
APPEARANCE AND ODOR		CLEAR AMMONIA SMELL					
ALL EARANCE AND ODOR CLEAR AMINIONIA SWIELE							
10: STABILITY & REACTIVITY							
CONDITIONS CONTRIBUTING NONE INCOMPATIBILITY STRONG OXIDIZING							
TO INSTABILITY	HONE			AGENTS, ACIDS,			
HAZARDOUS DECOMPOSITION PRODUCTS	YES	CONDITIONS CONTRIBUTING	TO T	NONE			
WHEN EXPOSED TO FIRE EMITS NORMAL	125	HAZARDOUS POLYMERIZATI		1,01,2			
PRODUCTS OF COMBUSTION							
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 - AMMONIA ALKALINE SOLUTION 7%