

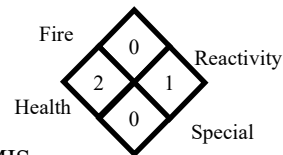
SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION

THE BUTLER CORPORATION

251 MOODY STREET
LUDLOW, MASSACHUSETTS 01056
INTERNET: www.butlersystem.com, email: info@butlersystem.com
TELEPHONE 1-800-535-5025
Chemtrec: 800-424-9300, 703-527-3887

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



CHEMICAL NAME SYNONYM

MIXTURE

CHEMICAL FAMILY:
ACID MIXTURE

TRADE NAME SYNONYM

RUST REMOVER

2 HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

ROUTE OF EXPOSURE

INHALATION

YES-IRRITATING TO NOSE AND THROAT

SKIN ABSORPTION

NO

INGESTION

YES-CAN CAUSE DISCOMFORT IF TAKEN INTERNALLY

SKIN CONTACT

NO

EYE CONTACT

YES-DIRECT CONTACT MAY CAUSE IRRITATION

3 COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT	%	CAS NUMBER
AMMONIUM HYDROGEN FLUORIDE	1-11	1341-49-7
LINEAR ALCOHOL ETHOXYLATE	3-6	68131-39-5

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: DRINK MILK OR WATER
AND SEE A PHYSICIAN

NOTES TO PHYSICIAN:

5 FIRE FIGHTING MEASURES

FLASH POINT (TOC)	N/A	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				
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				
STORE IN COOL PLACE, AVOID BREATHING VAPOR; KEEP AWAY FROM EYES AND AVOID PROLONG CONTACT WITH SKIN				
8 EXPOSURE CONTROL/PERSONAL PROTECTION				
SPECIFIC PERSONAL PROTECTIVE EQUIPMENT NONE		RESPIRATORY (SPECIFY IN DETAIL) NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT		
EYE: MONOGOGGLES SUGGESTED		GLOVES: CONTACT IMPERMEABLE GLOVES SUGGESTED		
OTHER CLOTHING AND EQUIPMENT		AVOID BREATHING VAPOR		
9: PHYSICAL DATA				
BOILING POINT:	100°C	MELTING POINT:	ABOUT 0°C	pH: 4.0-6.0
SPECIFIC GRAVITY	1.025	VAPOR PRESSURE	ND	
VAPOR DENSITY(AIR=1)	>1	SOLUBILITY IN H ₂ O BY WT.	SOLUBLE	
%VOLATILES BY WT.		EVAPORATION RATE (BUTYL ACETATE=1)	>1	
APPEARANCE AND ODOR		WHITE WATER LIQUID WITH NO ODOR		
10: STABILITY & REACTIVITY				
CONDITIONS CONTRIBUTING TO INSTABILITY, HIGH TEMPERATURE OVER 125 °F	YES	INCOMPATIBILITY	OXIDIZING AGENTS ALKALIS, GLASS	
HAZARDOUS DECOMPOSITION PRODUCTS MATERIAL CAN DECOMPOSE TO FORM HF ACID WITH WATER	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				
DOT Shipping Name: not regulated IMDG: Proper Shipping Name: not regulated IATA: Proper Shipping Name: not regulated				
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 06-30-2025 - RUST REMOVER				