

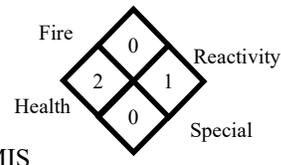
# SAFETY DATA SHEET

## 1 PRODUCT IDENTIFICATION

**THE BUTLER CORPORATION**

251 MOODY STREET  
 LUDLOW, MASSACHUSETTS 01056  
 INTERNET: [www.butlersystem.com](http://www.butlersystem.com), email: [info@butlersystem.com](mailto:info@butlersystem.com)  
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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		

<b>6-ACCIDENTAL RELEASE MEASURES</b>				
<b>STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: FLUSH WITH WATER</b>				
<b>NEUTRALIZING CHEMICALS</b>				
<b>WASTE DISPOSAL METHOD: WASTE MAY BE DISCHARGED INTO SANITARY SEWER AS NON-HAZARDOUS WASTE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS</b>				
<b>7 HANDLING &amp; STORAGE</b>				
<b>STORE IN COOL PLACE, AVOID BREATHING VAPOR; KEEP AWAY FROM EYES AND AVOID PROLONG CONTACT WITH SKIN</b>				
<b>8 EXPOSURE CONTROL/PERSONAL PROTECTION</b>				
<b>SPECIFIC PERSONAL PROTECTIVE EQUIPMENT</b>		<b>RESPIRATORY (SPECIFY IN DETAIL)</b>		
NONE		NORMAL ROOM VENTILATION SHOULD BE SUFFICIENT		
<b>EYE: MONOGOGGLES SUGGESTED</b>		<b>GLOVES: CONTACT IMPERMEABLE GLOVES SUGGESTED</b>		
<b>OTHER CLOTHING AND EQUIPMENT</b>		AVOID BREATHING VAPOR		
<b>9: PHYSICAL DATA</b>				
<b>BOILING POINT:</b>	100°C	<b>MELTING POINT:</b>	ABOUT 0°C	pH: 4.0-6.0
<b>SPECIFIC GRAVITY</b>	1.025	<b>VAPOR PRESSURE</b>	ND	
<b>VAPOR DENSITY(AIR=1)</b>	>1	<b>SOLUBILITY IN H<sub>2</sub>O BY WT.</b>	SOLUBLE	
<b>%VOLATILES BY WT.</b>		<b>EVAPORATION RATE (BUTYL ACETATE=1)</b>	>1	
<b>APPEARANCE AND ODOR</b>		WHITE WATER LIQUID WITH NO ODOR		
<b>10: STABILITY &amp; REACTIVITY</b>				
<b>CONDITIONS CONTRIBUTING TO INSTABILITY, HIGH TEMPERATURE OVER 125 °F</b>	YES	<b>INCOMPATIBILITY</b>	OXIDIZING AGENTS ALKALIS, GLASS	
<b>HAZARDOUS DECOMPOSITION PRODUCTS MATERIAL CAN DECOMPOSE TO FORM HF ACID WITH WATER</b>	YES	<b>CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION</b>	NONE	
<b>11: TOXICOLOGICAL INFORMATION</b>				
NONE KNOWN				
<b>12: ECOLOGICAL INFORMATION</b>				
NONE KNOWN				
<b>13: DISPOSAL CONSIDERATIONS</b>				
IN ACCORDANCE TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS				
<b>14:TRANSPORT INFORMATION</b>				
REFER TO BILL OF LADING OR CONTAINER LABEL				
<b>15:REGULATORY INFORMATION</b>				
USA (TSCA), CANADA (DSL)				
<b>16:OTHER INFORMATION</b>				
<b>PRECAUTIONARY STATEMENTS</b>		WASH AFTER HANDLING AND KEEP OUT OF REACH OF CHILDREN		
<b>DISCLAIMER OF LIABILITY</b>				
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 02-21-2020 - RUST REMOVER				