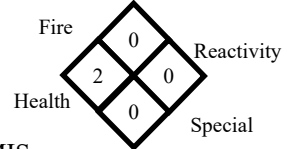


SAFETY DATA SHEET

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	 <p style="font-size: small;">Fire Health Reactivity Special</p> <p style="font-size: x-small;">HMIS</p>
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CHEMICAL NAME SYNONYM

MIXTURE

**CHEMICAL FAMILY:
 SURFACTANT/DETERGENT**

TRADE NAME SYNONYM

ENZYME DETERGENT

2 HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

ROUTE OF EXPOSURE

INHALATION	YES-(AVOID BREATHING DUST)
SKIN ABSORPTION	NO
INGESTION	NO
SKIN CONTACT	YES-CONTACT MAY CAUSE IRRITATION
EYE CONTACT	YES-DIRECT CONTACT MAY CAUSE IRRITATION

3 COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT	%	CAS NUMBER
PROTEOLYTIC ENZYMES	2-8	9014-01-1
CITRUS TERPENES	5-12	8008-56-8
SODIUM LAURYL SULFATE	5-18	151-21-3

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: AVOID BREATHING DUST. FLUSH WITH WATER, OR SWEEP UP AND CONTAINERIZE (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 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: GOGGLES SUGGESTED

GLOVES: IMPERMEABLE GLOVES SUGGESTED

OTHER CLOTHING AND EQUIPMENT

NONE

9: PHYSICAL DATA

BOILING POINT: 760 MM HG

N/A

MELTING POINT:

ND

pH: 8.0-9.0

SPECIFIC GRAVITY

0.55

VAPOR PRESSURE

NA

VAPOR DENSITY(AIR=1)

N/A

SOLUBILITY IN H₂O BY WT.

SOLUBLE

%VOLATILES BY WT.

EVAPORATION RATE (BUTYL ACETATE=1)

NA

APPEARANCE AND ODOR

WHITE POWDER WITH A LOW ODOR

10: STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY

NONE

INCOMPATIBILITY

ACIDS, STRONG OXIDIZING AGENTS

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 - ENZYME DETERGENT