

STERIS CORPORATION, CALGON VESTAL DIV -- 1C19, VESTA-SYDE ENZYME PRESOAK --
7930-01-360-8968

===== Product Identification =====

Product ID:1C19, VESTA-SYDE ENZYME PRESOAK
MSDS Date:04/15/1997
FSC:7930
NIIN:01-360-8968
Status Code:A
MSDS Number: CKJLP
=== Responsible Party ===
Company Name:STERIS CORPORATION, CALGON VESTAL DIV
Address:7501 PAGE AVE
Box:147
City:SAINT LOUIS
State:MO
ZIP:63166
Countr
y:US
Info Phone Num:800-548-4873; 314-535-1810
Emergency Phone Num:314-535-1395
Preparer's Name:M. EBERS
Chemtrec Ind/Phone:(800)424-9300
CAGE:19410
=== Contractor Identification ===
Company Name:STERIS CORPORATION, CALGON VESTAL DIV
Address:7501 PAGE AVE
Box:147
City:SAINT LOUIS
State:MO
ZIP:63166
Country:US
Phone:800-548-4873 / 314-535-1810
CAGE:19410

===== Composition/Information on Ingredients =====

Ingred Name:SUBTILISINS (PROTEOLYTIC ENZYMES)
CAS:9014-01-1
RTECS #:CO955

0000
< Wt:5.
ACGIH STEL:C0.00006 MG/M3

Ingrid Name:SODIUM TETRABORATE DECAHYDRATE
CAS:1303-96-4
RTECS #:VZ2275000
< Wt:5.
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3

=====
Hazards Identification
=====

Health Hazards Acute and Chronic:ACUTE: EYES & SKIN-UPON CONTACT,
MILDLY IRRITATING TO EYES. PROLONGED OR REPEATED CONTACT MAY
IRRITATE SKIN. INHALATION-SPRAY MISTS OR DUSTS FROM DRIED RESIDUES
MAY RESULT IN RESPIRATORY IRRITATION, COUGHING AND/OR DIFFICULTY
IN BREATHING. INGESTION-MAY CAUSE UPSET TO GASTROINTESTINAL TRACT.
CHRONIC: SUBSTITUTES CHRONIC EXPOSURE TO DUSTS SHOWED ALLERGIC
SENSITIZATION WITH RESPIRATORY ALLERGIC REACTIONS WITHIN MINUTES
OR DELAYED UP TO 24 HOURS.

=====
First Aid Measures
=====

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT
LEAST 15 MINUTES. SEE A PHYSICIAN. SKIN: IMMEDIATELY WASH WITH SOAP
AND PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING
CONTAMINATED CLOTHING. IF IRRITATION DEVELOPS, SEEK MEDICAL AID.
INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL
RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN IF AVAILABLE. SEEK
MEDICAL AID AND REPORT ALL INHALATION EXPOSURES TO HEALTH AND
SAFETY PERSONNEL. INGESTION: DO NOT INDUCE VOMITING. GIVE WATER TO
DILUTE. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON.

=====
Fire Fighting Measures
=====

Extinguishing Media:SUITABLE FOR SURROUNDING FIRE; WATER,CO2, FOAM,
DRY CHEMICAL.
Fire Fighting Procedures:NONE KNOWN.
Unusual Fire/Explosion Hazard:NONE KNOWN.

=====
Accidental Release Measures
=====

Spill Release Procedures:SPILLS MAY BE PICKED UP WITH A MOP AND
FOLLOWED BY A WATER RINSE. SMALL SPILLS MAY BE FLUSHED TO A
SANITARY SEWER WITH COPIOUS AMOUNTS OF WATER.

=====
Handling and Storage
=====

=====

Handling and Storage Precautions:AVOID EXPOSURE TO HIGH TEMPERATURE OR HUMIDITY. WASH HANDS THOROUGHLY AFTER USE. KEEP CONTAINER CLOSED WHEN NOT IN USE. READ AND OBSERVE ALL LEBELED USE INSTRUCTIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT REQUIRED UNDER NORMAL USE.
Ventilation:LOCAL EXHAUST.
Protective Gloves:RUBBER.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:CLOTHES SUFFICIENT TO AVOID CONTACT.
Supp
lemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1
Spec Gravity:1.086
pH:7.5-8.0
Solubility in Water:COMPLETE
Appearance and Odor:AMBER LIQUID; TYPICAL, MILD ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
NONE KNOWN.
Stability Condition to Avoid:NONE KNOWN.
Hazardous Decomposition Products:PROPINALDEHYDE, CO, CO2, IN FIRE SITUATIONS.

===== Disposal Con
siderations =====

Waste Disposal Methods:PRODUCT MAY BE FLUSHED TO A SANITARY SEWER WITH COPIOUS AMOUNTS OF WATER, IF IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REGULATIONS. FOR ADDITIONAL GUIDANCE, CONTACT THE STATE WATER BOARD OR THE REGI ONAL OFFICE OF THE EPA.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatso

ever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.