

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  
&lt; Wt:5.  
ACGIH STEL:C0.00006 MG/M3

Ingred Name:SODIUM TETRABORATE DECAHYDRATE  
CAS:1303-96-4  
RTECS #:VZ2275000  
&lt; 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, C OUGHING AND/OR DIF  
FICULTY  
IN BREATHING. INGESTION-MAY CAUSE UPSET TO GASTROINTESTINAL TRACT.  
CHRONIC: SUBTILISINS CHRONIC EXPOSURE TO DUSTS SHOWED ALLERGIC  
SENSITIZATION WITH RESPIRATORY ALLERGIC REAC TIONS 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 MI  
NUTES WHILE REMOVING  
CONTAMINATED CL OTHING. 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 M  
easures =====

Extinguishing Media:SUITABLE FOR SURROUNDING FIRE; WATER,COA2, 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 =====

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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.

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