

GENDERM CORP -- ZOSTRIX CREAM -- 6505-01-297-4289

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

Product ID:ZOSTRIX CREAM  
MSDS Date:07/01/1992  
FSC:6505  
NIIN:01-297-4289  
MSDS Number: BXPCQ  
=== Responsible Party ===  
Company Name:GENDERM CORP  
Address:600 KNIGHTBRIDGE PKWY  
City:LINCOLNSHIRE  
State:IL  
ZIP:60069-5000  
Country:US  
Info Phone Num:708-634-7373  
Emergency Phone Num:708-634-7373  
CAGE:77491  
=== Contractor Id  
entification ===  
Company Name:GENDERM CORP  
Address:600 KNIGHTBRIDGE PKY  
Box:City:LINCOLNSHIRE  
State:IL  
ZIP:60069-3657  
Country:US  
Phone:708-634-7373  
CAGE:77491

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

Ingred Name:CAPSAICIN      \*95-1\*  
CAS:404-86-4  
RTECS #:RA8530000  
Fraction by Wt: 0.025%

Ingred Name:SORBITOL  
CAS:50-70-4  
RTECS #:LZ4290000

Ingred Name:ISOPROPYL MYRISTATE  
CAS:110-27-0  
RTECS #:XB8600000

Ingred Name:CETYL ALCOHOL  
CAS:36653-82-4  
RTECS #:MM0225000

Ing

red Name:MINERAL OIL; PETROLATUM-LIQUID; WHITE MINERAL OIL, PARAFFIN OIL

CAS:8012-95-1

RTECS #:PY8030000

Other REC Limits:10 MG/CUM STEL

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM

Ingred Name:ARLACEL 165

CAS:84750-06-1

Ingred Name:BENZYL ALCOHOL

CAS:100-51-6

RTECS #:DN3150000

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

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

LD50 LC50 Mixture:ORAL LD50(MUS): 47,200 UG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:N

O

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN/EYES: CONTACT W/PRODUCT MAY

RESULT IN TISSUE INJURY/TEMPORARY ANESTHESIA. SENSITIZATION IN

PREVIOUSLY EXPOSED INDIVIDUALS HAS BEEN REPORTED. INHALATION:

VAPORS MAY CAUSE RESPIRATORY IRRITATION. T HE USE OF ALCOHOL MAY

ENHANCE THE TOXICEFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:REDNESS, PAIN, IRRITATION, COUGHING, LABORED

BREATHING, ABDOMINAL PAIN, VOMITING, B

URNING SENSATION, WHEEZING,

LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA

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

First Aid:EYES/SKIN: FLUSH IMMEDIATELY W/COLD WATER. INGESTION: GIVE

1-2 GLASSES OF WATER TO DRINK. DON'T INDUCE VOMITING. IF VOMITING

OCCURS, KEEP HEAD BELOW HIPS TO REDUCE RISK OF ASPIRATION. NEVER

GIVE ANYTH ING BY MOUTH IF UNCONSCIOUS/CONVULSING.INHALATION: MOVE

TO FRESH AIR. IF NOT BREATHING, CLEAR AIRWAY & BEGIN CPR. KEEP W

ARM

& AT REST. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:>200F

Extinguishing Media:WATER FOG, FOAM, HALOGENATED AGENTS, CO2, DRY  
CHEMICAL, WATER SPRAY

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS. WEAR  
IMPERVIOUS PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release

Procedures:SWEEP UP/MIX MATERIAL W/MOIST ABOSRBENT &  
SHOVEL INTO WASTE CONTAINER. WASH DOWN AREA W/HOT WATER &  
DETERGENT, FLUSH TO A WASTE WATER TREATMENT FACILITY. SMALL: USE  
ADEQUATE VENTILATION WEAR PROTECTIV E CLOTHING TO PREVENT SKIN &  
EYE CONTACT. (SUPP)

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

Handling and Storage Precautions:STORE AT/BELOW CONTROLLED ROOM  
TEMPERATURE, 86F.

Other Precautions:MINIMIZE BREATHING VAPOR/MIST. AVOID  
PROLONGE  
D/REPEATED CONTACT W/SKIN.

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

Respiratory Protection:REQUIRED

Ventilation:REQUIRED

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING, APRON, EYE WASH  
STATION, A SOURCE OF CLEAN WATER IN THE WORK AREA FOR FLUSHING EYES  
& SKIN.

Work Hygienic Practices:REMOVE/LAUNDER/DRY CLEAN CONTAMINATED CLOTHING  
BEFORE REUSE. WASH BEFORE EATING, DRINKING, SMOKING/USING TOILET

## FACILITY

Supplemental Safety and Health

PH:(10% AQUEOUS SOLUTION):4.2-5.5. SPILL PROC CONT'D: WEAR RUBBER BOOTS  
& HEAVY RUBBER GLOVES, DISPOSABLE COVERALLS & DISPOSE OF WHEN DONE.  
PERCENT VOLATILE INFORMATION IS FOR SORBITOL.

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

Boiling Pt:B.P. Text:>212F

Vapor Pres:1

Spec Gravity:0.8-1.4

pH:(SUPP)

Solubility in Water:INSOLUBLE

Appearance and Odor:SMOOTH WHITE CREAM W/NO ODOR

Percent Volatiles by Volume:30

=====

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, MINERAL ACIDS

Stability Condition to Avoid:FLAME, HEAT, TEMPS >86F.

Hazardous Decomposition Products:CO, CO2, NITROGEN OXIDES

### ===== Disposal Considerations =====

Waste Disposal Methods:DISSOLVE/MIX THE MATERIAL W/A COMBUSTIBLE  
SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER  
& SCRUBBER. MAY BE LANDFILLED. DISPOSE OF IN  
ACCORDANCE W/LOCAL,  
STATE & FEDERAL REGULATION S.

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 whatsoever,  
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 suit  
ability of this information to their  
particular situation.