

## **ENZ-OUT**

### **MSDS Number**

CCCLF

### **National Stock Number**

7930-00F050520

### **Product Name**

ENZ-OUT

### **Manufacturer**

CFR CORP

### **Product Identification**

Product ID:ENZ-OUT

MSDS Date:11/11/1994

FSC:7930

NIIN:00F050520

MSDS Number: CCCLF

### **Responsible Party**

CFR CORPORATION

601 LAKEVIEW POINT STE B

NEW BRIGHTON , MN 55112-5000

US

Emergency Phone: 612-631-0369/800-228-5635 EXT 163

Info Phone: 612-631-0369/800-228-5635 EXT 163

Cage: CRDEF

### **Contractor**

CFR CORPORATION

NEW BRIGHTON, MN 55112-5000

US

612-631-0369/800-228-5635 EXT 163

Cage: CRDEF

### **Ingredients**

1,2-PROPANEDIOL (PROPYLENE GLYCOL)

CAS: 57-55-6

RTECS: TY2000000

Fraction By Weight:

OXIRANE, METHYL-, POLYMER WITH OXIRANE, MONOHEXYL ETHER,

CAS: 52232-09-4

Fraction By Weight:

OXIRANE, METHYL-, POLYMER WITH OXIRANE, MONOOCTYL ETHER

CAS: 37311-02-7

DECYL ALCOHOL, PROPOXYLATED, ETHOXYLATED \*96-3\*

CAS: 37251-67-5

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY LEAD TO ALLERGIC SENSITIZATION  
BASED ON EXPOSURE LEVEL, DURATION & SUSCEPTIBILITY.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:MAY LEAD TO ALLERGIC SENSITIZATION BASED ON  
EXPOSURE LEVEL, DURATION & SUSCEPTIBILITY.

## First Aid

First Aid:EYES/SKIN: FLUSH W/COOL RUNNING WATER FOR 15 MINS. INGESTION:  
DRINK LARGE AMOUNTS OF WATER. INHALATION: MOVE TO FRESH AIR. OBTAIN  
MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:NONE  
Fire Fighting Procedures:NONE

## Accidental Release

Spill Release Procedures:CONTAIN & ABSORB LIQUID W/INERT MATERIAL,  
COLLECT WASTE IN SUITABLE CONTAINER & WASH EXPOSED SURFACES  
W/WATER.

## Handling

Handling and Storage Precautions:KEEP FROM FREEZING. STORE IN A COOL,  
DRY PLACE. KEEP CONTAINER CLOSED TIGHTLY WHEN STORED. DON'T REUSE  
EMPTY CONTAINER, USE IAW/LABEL DIRECTIONS.  
Other Precautions:KEEP LOCKED IN STORAGE SUFFICIENT TO MAKE  
INACCESSIBLE TO CHILDREN/PERSONS UNFAMILIAR W/ITS PROPER USE. DON'T  
CONTAMINATE WATER, FOOD/FEED BY STORAGE/DISPOSAL.

## Exposure Controls

Respiratory Protection:NONE REQUIRED WHEN USED AS SPECIFIED.  
Ventilation:LOCAL EXHAUST  
Protective Gloves:IMPERMEABLE  
Eye Protection:CHEMICAL GOGGLES  
Other Protective Equipment:NONE REQUIRED WHEN USED AS SPECIFIED.  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE. WASH HANDS AFTER USING.  
Supplemental Safety and Health  
ALL OPERATORS/USERS SHOULD BECOME FAMILIAR W/ALL USE & SAFETY DATA ON  
PRODUCT. ENZ-OUT CONTAINS ALPHA AMYLASE & PROTEASE ENZYMES.

## Chemical Properties

Boiling Pt:B.P. Text:>212F  
Spec Gravity:0.98-1.02  
Solubility in Water:COMPLETE  
Appearance and Odor:LIGHT STRAW, CLEAR LIQUID W/NO ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH TEMPERATURES DEGRADE ENZYME ACTIVITY.  
FREEZING.

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE &  
FEDERAL REGULATIONS.

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