

## MATERIAL SAFETY DATA SHEET



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### **PRODUCT NAME : DETERGENT ENZYMATIC**

**U.N Number : 2810**

**DANGEROUS GOODS CLASS : 6.1**

#### **PHYSICAL DESCRIPTION / PROPERTIES :**

Clear blue liquid ; SG : 1.01 - 1.04; pH : 6.0 ( 100 % )

#### **HAZARDOUS INGREDIENTS ;**

**CHEMICAL ENTITY :**

**PROPORTION :**

Alcohol Ethoxylate	5 %
Butyl Cellosolve	15 %
Enzyme	1 %

### **HEALTH HAZARD INFORMATION**

#### **HEALTH EFFECTS:**

**Inhalation** : Causes irritation to the respiratory tract.

**Ingestion** : Causes irritation to the gastrointestinal tract.

**Skin Contact** : May cause irritation with redness and pain. May be absorbed through the skin with possible systemic effects.

**Eye contact** : Vapors are irritating and may produce immediate pain, redness and tearing.

#### **First Aid :**

**Inhalation** : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Ingestion** : Induce vomiting immediately as directed by medical personel.

**Skin Contact** : Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Eye Contact** : Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

## **DETERGENT ENZYMATIC**

### **PRECAUTIONS FOR USE**

#### **PERSONAL PROTECTIONS :**

GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD;  
PROPER GLOVES

#### **VENTILATION :**

ASYSTEM OF LOCAL AND/OR GENERAL EXHAUST

#### **FLAMMABILITY :**

FLAMMABLE.

#### **EXPOSURE LIMITS :**

OSHA PERMISSIBLE EXPOSURE LIMIT : 50 ppm SKIN  
ACGIH THRESHOLD LIMIT VALUE : 20 ppm (TWA)

## **SAFE HANDLING INFORMATION**

### **STORAGE AND TRANSPORT :**

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute.

### **SPILL AND DISPOSAL :**

State and local disposal regulations may differ from federal disposal regulations.

### **FIRE / EXPLOSION HAZARD :**

Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Vapors can flow along surfaces to distant ignition source and flash back. Contact with strong oxidizers may cause fire. Sensitive to static discharge.

### **OTHER :**

**NFPA Ratings :** Health : 2 Flammability : 2 Reactivity : 0