

## **"HYVAR" X HERBICIDE**

### **MSDS Number**

BFTZF

### **National Stock Number**

6840-00-890-2146

### **Product Name**

"HYVAR" X HERBICIDE

### **Manufacturer**

DU PONT E I DE NEMOURS AND CO INC

### **Product Identification**

Product ID:"HYVAR" X HERBICIDE

MSDS Date:01/25/1988

FSC:6840

NIIN:00-890-2146

MSDS Number: BFTZF

### **Responsible Party**

DU PONT E I DE NEMOURS AND CO INC

1007 MARKET STREET

WILMINGTON , DE 19899

US

Emergency Phone: 800-441-3637

Info Phone: 800-441-9450

Cage: 18873

### **Contractor**

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515;800-441-9442

Cage: 18873

### **Ingredients**

BROMACIL

CAS: 314-40-9

RTECS: YQ9100000

Fraction By Weight: 80%

OSHA PEL1 PPM

ACGIH TLV: 10 MG/M3; 9192

NON-HAZARDOUS INGREDIENTS (INERT)

Fraction By Weight: 20%

### **Hazards**

LD50 LC50 Mixture:LD50 = 5200 MG/KG (RAT), LOW TOXICITY

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:INGESTION:LOW TOXICITY.

SKIN:IRRITATION AND SENSITIZATION. EYES:SLIGHT TRANSIENT  
CONJUNCTIVAL IRRITATION. INHALATION:LC50 > 4.8 MG/L (RATS)  
Effects of Overexposure:MAY IRRITATE EYES,NOSE,THROAT & SKIN.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. ASSIST IN BREATHING IF  
NECESSARY. SKIN:FLUSH WITH WATER. EYES:IMMEDIATELY FLUSH WITH  
PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN.  
INGESTION:INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF  
WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH  
TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

## Fire Fighting

Flash Point:NONE  
Lower Limits:UNK  
Upper Limits:UNK  
Extinguishing Media:WATER SPRAY, CHEMICAL FOAM, DRY CHEMICAL, CO2.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. COOL  
TANK/CONTAINER WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:IF AREA IS HEAVILY EXPOSED TO FIRE, AND  
IF CONDITIONS PERMIT, LET FIRE BURN ITSELF OUT. FINE DUST DISPERSED  
IN AIR MAY IGNITE IF EXPOSED TO HIGH TEMPERATURE.

## Accidental Release

Spill Release Procedures:DO NOT TOUCH SPILL.EVACUATE UNPROTECTED  
PERSONS.REMOVE IGN SOURCES.USE PROTECTV EQUIP;CLEAN UP PROMPTLY.DO  
NOT FLUSH W/WATER.PICK UP DRY BY SWEEP/OTHER EFFECTV MEANS.IF SPILL  
AREA IS ON GRND NEAR TREES /PLANTS,REMOVE TOP 2 IN SOIL AFTER  
INITIAL CLEANING

## Handling

Handling and Storage Precautions:STORE IN COOL DRY PLACE.KEEP CONTACT  
W/FERTILIZERS,INSECTICIDES,FUNGICIDES & SEEDS;AVOID BREATHING  
DUST/SPRAY MIST.  
Other Precautions:DO NOT APPLY(EXCEPT AS RECOMMENDED),DRAIN,FLUSH NEAR  
TREES/PLANTS.PREVENT DRIFT OF POWDER/SPRAY TO PLANTS.DO NOT  
CONTAMINATE BODIES OF H\*20.DO NOT CONTAMINATE H\*20 BY CLEANING EQUIP OR  
DISPOSAL OF WASTE

## Exposure Controls

Respiratory Protection:NONE REQUIRED BY MFR USE SCBA IF NEEDED  
Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE  
VENTILATION  
Protective Gloves:IMPERMEABLE  
Eye Protection:SAFETY/CHEM GOGGLES  
Other Protective Equipment:AS REQUIRED TO PREVENT PROLONGED CONTACT.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
MSDS DATED 04-02-86/PH=9/

## Chemical Properties

HCC:T5  
Vapor Pres:NEG  
Spec Gravity:1.55  
pH:9  
Solubility in Water:SUSPENDABLE  
Appearance and Odor:BEIGE POWDER

## Stability

Stability Indicator/Materials to Avoid:YES  
AMINES  
Stability Condition to Avoid:HEAT, IGNITION SOURCES  
Hazardous Decomposition Products:DECOMPOSES BY REACTION WITH AMINES,  
PARTICULARLY PRIMARY AMINES.

## Disposal

Waste Disposal Methods:DISPOSE OF IAW APPLICABLE(LOCAL,STATE,&/OR FEDERAL)REGULATIONS;IF BURIED,USE AREA AWAY FM ROOTS TREES/PLANTS;DISPOSAL SITE SHOULD BE ON LEVEL GRD & NOT NEAR TO STREAM,PONDS,LAKES,WELLS OR DITCHES.DO N OT RE-USE CONTAINER.BURY WHEN EMPTY.

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