



"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 EFFCTV MEANS.IF SPILL AREA IS ON GRND NEAR TREES /PLANTS,REMOVE TOP 2 IN SOIL AFTER INITIAL CLEANG

Handling

Handling and Storage Precautions:STORE IN COOL DRY PLACE.KEEP CONTACT W/FERTILIZRS,INSCTICIDES,FUNGICIDES & SEEDS;AVOID BREATHG DUST/SPRAY MIST.
Other Precautions:DO NOT APPLY(EXCEPT AS RECOMMENDED),DRAIN,FLUSH NEAR TREES/PLANTS.PREVENT DRIFT OF POWDR/SPRAY TO PLANTS.DO NOT CONTMNAE BODIES OF H*20.DO NOT CONTNHT H*20 BY CLEANING EQUIP OR DISPSL OF WAST

Exposure Controls

Respiratory Protection:NONE NIOTED BY MFR USE SCBA IF NEEDED
Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION
Protective Gloves:IMPERVIOUS
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 NOT RE-USE CONTAINER.BURY WHEN EMPTY.

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