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IMRON POLYURETHANE ACTIVATORS & CLEARS, VGY

MSDS Number

BCGBZ

National Stock Number

6850-00N000701

Product Name

IMRON POLYURETHANE ACTIVATORS & CLEARS, VGY

Manufacturer

DU PONT E I DE NEMOURS AND CO

Product Identification

Product ID:IMRON POLYURETHANE ACTIVATORS & CLEARS, VGY
MSDS Date:06/15/1988
FSC:6850
NIIN:00N000701
MSDS Number: BCGBZ

Responsible Party

DU PONT E I DE NEMOURS & CO

1007 MARKET ST

WILMINGTON , DE 19899

US

Emergency Phone: 800-441-7515

Info Phone: 800-441-7515

Cage: 89154

Contractor

DU PONT E I DE NEMOURS & CO

WILMINGTON, DE 19899

US

800-441-7515

Cage: 89154

Ingredients

EXTREMELY HIGH CONCS IN LAB ANIMALS HAVE CAUSED BLOOD

RTECS: 9999999ZZ

BLOOD CELLS, FATTY DEGENERATION, CLOUDY SWELL,

RTECS: 9999999ZZ

20% SURFACTANT

RTECS: 9999999ZZ

DETERGENT, BALANCE WATER. POUR DECONTAM SOLN OVER

RTECS: 9999999ZZ

WASTE CNTNRS FOR 48 HOURS TO ALLOW CO*2 TO VENT.
RTECS: 9999999ZZ

NOT PERMIT ANYONE W/OUT PROTECTION IN PAINTING
RTECS: 9999999ZZ

MIXING & FOR BRUSH & ROLL APPLICATION IN WELL
RTECS: 9999999ZZ

PARTICULATE RESP (TC-23C) CAN BE USED PROVIDED
RTECS: 9999999ZZ

MFR'S DIRECTIONS FOR RESPIRATOR USE.
RTECS: 9999999ZZ

THEM. PROT CREAMS MAY BE USED FOR EASE OF
RTECS: 9999999ZZ

36.7 @ 20C.
CAS: 108-88-3
RTECS: XS5250000
OSHA PEL200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE) (SARA III).
CAS: 141-78-6
RTECS: AH5425000
OSHA PEL400 PPM
ACGIH TLV: 400 PPM
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

ACETIC ACID, 2-METHOXY-1-METHYLETHYL ESTER; (PROPYLENE
CAS: 108-65-6
RTECS: AI8295000

25 @ 20C.
CAS: 1330-20-7
RTECS: ZE2100000

OSHA PEL100 PPM;150 PPM STEL

ACGIH TLV: 100 PPM;150 PPM STEL

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ISOCYANIC ACID, HEXAMETHYLENE ESTER, POLYMERS; (ALIPHATIC

CAS: 28182-81-2

RTECS: NQ9170000

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC; (AROMATIC

CAS: 64742-95-6

RTECS: WF3400000

8

CAS: 123-86-4

RTECS: AF7350000

OSHA PEL150 PPM;200 PPM STEL

ACGIH TLV: 150 PPM;200 PPM STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

HEXANE, 1,6-DIISOCYANATO-; (HEXAMETHYLENE DIISOCYANATE).

CAS: 822-06-0

RTECS: MO1740000

ACGIH TLV: 0.005 PPM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

DELAYED SEVERAL HRS. RECURRENT OVEREXP MAY RSLT IN

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NOTE:TOLUENE (108-88-3) APPEARS ON NAVY LIST OF OCCUP CHEM REPRO HAZS. SEEK CONSULTATION FROM APPROP HLTH PROFS ABOUT LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS RECS . ACUTE:INGEST:GI DISTRESS. I NHAL:MAY CAUSE NOSE & THROAT IRRIT. RPTD & PRLNG OVEREXP TO SOLVS MAY LEAD TO PERM BRAIN & NERV SYS (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:DMG. EYE WATERING, HDCHS, NAUS, DIZZ & LOSS OF COORD ARE SIGNS THAT SOLV LEVELS ARE TOO HIGH. EXPOS TO ISOCYANATES MAY CAUSE ASTHMA-LIKE RXNS W/SHORTNESS OF BREATH, WHEEZING, COUGH/LUNG SENSI T. THIS EFT MAY BE DELAYED FOR SEVERAL HRS AFTER EXPOS. EYE:MAY CAUSE IRRIT/BURNING. SKIN:RPTD/PRLNG LIQ CONT (SUPDAT)
Medical Cond Aggravated by Exposure:INDIVIDUALS W/LUNG OR BREATHING

PROBLEMS OR PRIOR REACTION TO ISOCYANATES MUST NOT BE EXPOSED TO VAPORS OR SPRAY MISTS OF THIS PRODUCT.

First Aid

First Aid:INGEST:IN UNLIKELY EVENT OF INGESTION, CALL MD IMMEDIATELY & HAVE NAMES OF INGREDIENTS AVAILABLE. INHAL:REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY PERSISTS, OR OCCURS LATER, CONSULT MD. SKIN:WASH W/ SOAP & WATER. IF IRRITATION OCCURS, CONTACT MD. EYES:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL MD.

Fire Fighting

Flash Point Method:CC
Flash Point:Lower Limits:0.9%
Upper Limits:13.1%
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . WATER FROM FOG NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP.
Unusual Fire/Explosion Hazard:WHEN HEATED ABOVE FLASH POINT, EMITS FLAMM VAPS WHICH, WHEN MIXED W/AIR, CAN BURN OR BE EXPLO. FINE MISTS/SPRAYS MAY BE FLAMM AT TEMPS BELOW FLASH POINT.

Accidental Release

Spill Release Procedures:VENT AREA. REMOVE SOURCES OF IGNIT. PVNT SKIN CONT & BRTHG OF VAP. WEAR NIOSH/MSHA APPRVD POS PRESS SUPPLIED AIR RESP (TC-19C IF POSS, OTHERWISE TC-23C), EYE PROT, IMPERMEABLE GLOVES & PROT CLTHG. CON FINE & REMOVE W/INERT ABSORB. DEACTIVATE (ING 12)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:OBSERVE LBL PRECS. KEEP AWAY FROM HEAT, SPKS & FLAME. CLOSE CNTNR AFTER EACH USE. GROUND CNTNR WHEN POURING. DO NOT STORE >120F.
Other Precautions:DO NOT SAND, FLAME CUT, BRAZE/WELD DRY COATING W/OUT NIOSH/MSHA APPRVD RESP/APPROP VENT. DO NOT BREATHE VAPS/SPRAT MISTS. INDIVIDUALS W/HISTORY OF LUNG/BRTHG PROBS/PRIOR RXN TO ISOCYANATES SHLD NOT US E/BE EXPOSED TO THIS PROD. DO (ING 15)

Exposure Controls

Respiratory Protection:WEAR RESP @ ALL TIMES WHEN HNDLG ISOCYANATES/ISOCYANATE ACTIVATED MATLS. WEAR NIOSH/MSHA APPRVD POS-PRESS, SUPPLIED-AIR RESP (TC-19C) DURING SPRAY APPLICATION (OR BRUSH/ROLL APPLICATION IN POORLY VENT ED AREAS) OF THIS PROD. FOR (ING 16)
Ventilation:PROVIDE SUFFICIENT VENT IN VOLUME & PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.
Protective Gloves:IMPERMEABLE (NEOPRENE) GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:EMER EYE WASH & DELUGE SHOWER . WEAR COVERALLS. DO NOT REUSE COVERALLS WHILE SOLV ODOR IS RETAINED IN (ING 19)
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING & BEFORE EATING & SMOKING.
Supplemental Safety and Health
% VOLAT:51 (TYPICAL). EFTS OF OVEREXP:MAY CAUSE IRRIT W/DISCOMFORT & DERM. CHRONIC:SKIN:RASH, ITCH, SWELL, CHEM BURNS. EYE:CHEM BURNS/MOD IRRIT. INHAL:UPPER RESP &/OR LUNG IRRIT W/COUGH, DFCLT BRTHG, SHORTNESS OF BREATH MAY BE PERM. OVEREXP MAY CAUSE ASTHMA-LIKE RXN W/WHEEZE, COUGH, LUNG SENSIT. EFT MAY BE (ING 9)

Chemical Properties

HCC:F3
Boiling Pt:B.P. Text:>170F,>77C
Vapor Pres:SEE INGS
Vapor Density:HVR/AIR

Spec Gravity:1.018
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:MOD TO APPRECIABLE
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:SUPDAT

Stability

Stability Indicator/Materials to Avoid:YES
WATER, ALCOHOLS, AMINES.
Stability Condition to Avoid:DO NOT MIX ENAMEL & ACTIVATOR UNTIL READY TO USE
Hazardous Decomposition Products:CO, CO*2, SMOKE.

Disposal

Waste Disposal Methods:DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL I/A/W FEDERAL, STATE & LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED CONTAINERS.

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