

DYKEM COMPANY -- DYKEM STEEL BLUE DX-100;LAYOUT DYE -- 6850-00-664-9067

===== Product Identification =====

Product ID:DYKEM STEEL BLUE DX-100;LAYOUT DYE

MSDS Date:04/13/1987

FSC:6850

NIIN:00-664-9067

MSDS Number: BFKVN

=== Responsible Party ===

Company Name:DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:ST. LOUIS

State:MO

ZIP:63114-5905

Country:US

Info Phone Num:314-423-0100

Emergency Phone Num:31

4-423-0100

Preparer's Name:R.J. BELLEVILLE

CAGE:EO153

=== Contractor Identification ===

Company Name:DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:ST. LOUIS

State:MO

ZIP:63114-5905

Country:US

Phone:314-423-0100

CAGE:EO153

Company Name:ITW DYKEM/ DYMON

Address:805 E OLD 56 HWY

Box:City:OLATHE

State:KS

ZIP:66061

Country:US

Phone:800-443-9536

CAGE:98148

Company Name:MAGNAFLUX CORP

Address:218 E INDUSTRIAL ST

Box:UNKNOW

City:DE WITT

State:IA

ZIP:52742

Country:US

Phone:319-659-8143

CAGE:0JNN1

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Composition/Information on Ingredients  
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Ingred Name:METHYL VIOLET  
CAS:8004-87-3  
RTECS #:GC8425000  
Fraction by Wt: 1-3%

Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 30-40%  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
Fraction by Wt: 50-60%  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9192

Ingred Name:N-BUTYL ALCOHOL (S  
ARA III)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 3-6%  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CELLULOSE,NITRATE (NITROCELLULOSE)-SEE NOTE ON #07-  
CAS:9004-70-0  
RTECS #:QW0970000  
Fraction by Wt: 2.1-4.2%

Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 0.9-1.8%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:NITROCELLULOSE & ISOPROPYL ALCOHOL ARE IN A 70-30% MIXTURE.

THESE INGREDIENTS ARE 3-6% OF THE TOTAL MIXTURE.

RTECS #:9999999ZZ

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES

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

Health Hazards Acute and Chronic:RESPIRATORY IRRITATION.HIGH

CONCENTRATION OF VAPOR MAY PRODUCE HEADACHE, DIZZINESS, AND NAUSEA. EYE CONTACT CAUSES BURNING & IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY LEAD TO DRYING, IRRITATION AND

DERMATITIS.

Effects of Overexposure:DIZZINESS, NAUSEA, IRRITATION OF SKIN, RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:ANY MEDICAL CONDITION AFFECTING THE SAME ORGANS AS THOSE AFFECTED BY OVEREXPOSURE.

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===== First Aid Measures =====

First Aid:EYE/SKIN:FLUSH WITH LARGE AMOUNTS OF WATER. IF EXPOSED TO EXCESSIVE VAPORS, REMOVE TO FRESH AIR. IF SWALLOWED, CONTACT LOCAL POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

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===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:57F/13.9C

Lower Limits:1.4

Upper Limits:11.2

Extinguishing Media:CO2, REGULAR FOAM, DRY CHEMICAL

Fire Fighting Procedures:WEAR SCBA IN ENCLOSED AREAS. WATER MAY BE USED TO COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG GROUND, OR MAY BE MOVED BY VENTILATION & IGNITED BY SPARK, FLAME & OTHER IGNITION SOURCES.

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===== Accidental Release Measures =====

Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT. REMOVE HEAT AND IGNITION SOURCES. VENTILATE AREA. ABSORB WITH INERT MATERIAL AND COLLECT IN SUITABLE DISPOSAL CONTAINER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED.

Other Precautions:USE WITH ADEQUATE VENTILATION. AVOID PRO

LONGED SKIN  
CONTACT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF TLV IS EXCEED,OR FOR SYMPTOMS OF  
OVEREXPOSURE, WEAR NIOSH APPROVED ORGANIC VAPOR RESPIRATOR.  
Ventilation:MECHANICAL VENTILATION,ACCEPTABLE. LOCAL EXHAUST NECESSARY  
UNDER SOME HANDLING OR USE CONDITIONS.  
Protective Gloves:NONE NEEDED  
Eye Protection:IF SPLASHING,WEAR CHEMICAL SPLASH GOGGLS  
Other Protective Equipment:WEAR NEOPRENE OR CHEMICAL RESISTANT GLOVES &  
APRON  
AS NEEDED TO PREVENT REPEATED OR PROLONGED SKIN CONTACT.  
Work Hygienic Practices:MAINTAIN STRICT HYGIENE FOR CHEMICAL HANDLING.  
Supplemental Safety and Health  
MANUFACTURER STATES SKIN IS A POSSIBLE ROUTE OF ENTRY.

===== Physical/Chemical Properties =====

HCC:F2  
Boiling Pt:=71.1C, 160.F  
Vapor Pres:36  
Vapor Density:>1.0  
Spec Gravity:0.86  
Evaporation Rate & Reference:>1.0 (BUTYL ACETATE=1)  
Solubility in Water:APPRECIABLE  
Appearance and Odor:INTENSE BLUE COLOR,SWEET  
SOLVENT ODOR.  
Percent Volatiles by Volume:90.0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING MATERIALS  
Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES  
Hazardous Decomposition Products:CO,CO2

===== Disposal Considerations =====

Waste Disposal Methods:NO WASTE NORMALLY.HOWEVER,PLACE ABSORBED  
MATERIAL IN PACKAGE SUITABLE FOR SHIPPING FLAMMABLE  
WASTES.INCINERATE OR OTHE

R NORMAL DISPOSAL FOR FLAMMABLES IS  
PREFERRED.

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