

DYKEM COMPANY -- DYKEM SPRAY STEEL BLUE SP-1100 -- 6850-01-015-0834

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

Product ID:DYKEM SPRAY STEEL BLUE SP-1100

MSDS Date:09/02/1988

FSC:6850

NIIN:01-015-0834

MSDS Number: BGDLY

=== 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:314-423-0100

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

===== Composition/Information on Ingredients =====

Ingred Name:METHYL VIOLET (AS DYE);(WT % RANGE:1-3% OF DYE IN SOLVENT MIXTURE CONTAINS IN 53-66% OF TOTAL MIXTURE OF CAN).

CAS:8004-87-3

RTECS #:GC8425000

Fraction by Wt: <01.30%

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: <23.10%

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:DENATURED ETHYL ALCOHOL;(55-65% IN SOLVENT MIXTURE CONTAINS IN 53-66% OF TOTAL MIXTURE OF THE CAN: 60% AVG*66=39.60%)

CAS:64-17-5

Fraction by Wt: <39.60%

OSHA PEL:1000PPM

ACGIH TLV:1000PPM

Ingred Name:N-BUTYL ALCOHOL (SARA III)
 CAS:71-36-3
 RTECS #:EO1400000
 Fraction by Wt: <03.0%
 OSHA PEL:100 PPM
 ACGIH TLV:S, C 50 PPM; 9293
 EPA Rpt Qty:5000 LBS
 DOT Rpt Qty:5000 LBS

Ingred Name:NITROCELLULOSE (AS LACQUER); 70% OF THIS IN ISOPROPANOL
 CONTAINS IN 4-7% OF TOTAL MIXTURE OF THE CAN:70*4=2.8%)
 CAS:9004-70-0
 RTECS #:FJ6000000
 Fraction by Wt: >02.8%

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
 CAS:67-63-0
 RTECS #:NT8050000
 Fraction by Wt: >01.2%
 OSHA PEL:400 PPM/500 STEL
 ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:PROPANE
 CAS:74-98-6
 RTECS #:TX2275000
 Fraction by Wt: <20.4%
 OSHA PEL:1000 PPM
 ACGIH TLV:ASPHYXIAN; 9192

Ingred Name:ISOBUTANE(AS PROPELLANT); 48% IN PROPELLANT MIXTURE
 CONTAINS IN 30-40% OF TOTAL QUANTITY OF THE CAN:48*40=1.2
 CAS:540-81-1
 RTECS #:SA3320000
 Fraction by Wt: <01.2%

Ingred Name:BUTANE
 CAS:106-97-8
 RTECS #:EJ4200000
 Fraction by Wt: <0.4%
 OSHA PEL:800 PPM
 ACGIH TLV:800 PPM; 9192

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 Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
 Health Hazards Acute and Chronic:RESPIRATORY IRRITATION. EYE CONTACT
 CAUSES BURNING AND IRRITATION. PROLONGED CONTACT WITH SKIN MAY LEAD
 TO IRRITATION AND DERMATITIS.
 Effects of Overexposure:DIZZINESS, NAUSEA, AND HEADACHE. PROLONGED OR
 REPEATED SKIN CONTACT MAY LEAD TO DRYING.
 Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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 First Aid Measures
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First Aid:FLUSH EYE CONTACT OR PROLONGED SKIN W/LG AMT OF WTR.IF EXPSD
 TO EXCESS VAPOR,REMOVE TO FRESH AIR.IF SWALLOWED,CONTACT LOCAL
 POISN CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:57.0F,13.9C
Lower Limits:1.4
Upper Limits:11.2
Extinguishing Media:CO*2, FOAM, DRY CHEM.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IN
ENCLOSED AREAS. WATER MAY BE USED TO COOL FIRE-EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR;
VAP MAY EXPL. IF IGNITED IN AN ENCLOSED AREA.

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Accidental Release Measures
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Spill Release Procedures:REMOVE IGNITION SOURCES,VENTILATE AREA
WELL.ABSORB WITH VERMICULITE OR OTHER MATERIALS, SUCH AS
SAWDUST,RAGS,PAPER & PLACE IN CLOSED CONTAINER. USE NON SPARKING
TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT DURING CLEAN UP.
Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL, DRY WELL VENTED LOW FIRE
RISK AREA. PROTECT FROM HEAT, SHOCK, FRICTION. KEEP CONTAINERS
CLOSED.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT EXPECTED TO BE NEEDED UNDER NORMAL USE. USE
NIOSH/MSHA ORGANIC VAPOR RESPIRATOR IF PEL/TLV IS EXCEEDED, OR
OPERATOR EXPERIENCES RESPIRATORY DISCOMFORT.
Ventilation:LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.
Protective Gloves:NEOPRENE
Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.
Other Protective Equipment:APRON AS NEEDED TO PREVENT
REPEATED/PROLONGED SKIN CONTACT.
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PROCEDURES. AVOID
CONTACT WHERE POSSIBLE.
Supplemental Safety and Health
MFR DATES MSDS ON DAY SENT OUT, NOT DAY REVISED.

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Physical/Chemical Properties
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HCC:G2
Boiling Pt:B.P. Text:167F,75C
Vapor Pres:36.
Vapor Density:>1
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.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HEAT, IGNITION SOURCES
Hazardous Decomposition Products:INCOMPLETELY BURNED CARBON PRODUCTS,
CO*2, CO.

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

Waste Disposal Methods:INCINERATE IN APPROVED INCINERATOR OR DISPOSE OF
IN APPROVED CHEMICAL DUMP IN ACCORDANCE WITH LOCAL, STATE & FEDERAL
REGULATIONS.

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