

ITW FLUID PRODUCTS GROUP/ A DYKEM COMPANY -- 80400 STEEL BLUE,DX-100 --
6850-00-985-6227

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

Product ID:80400 STEEL BLUE,DX-100

MSDS Date:07/16/1997

FSC:6850

NIIN:00-985-6227

MSDS Number: CFYNB

=== Responsible Party ===

Company Name:ITW FLUID PRODUCTS GROUP/ A DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:SAINT LOUIS

State:MO

ZIP:63114-5905

Country:US

Info Phone Num

:800-443-9536

Emergency Phone Num:800-443-9536/800-424-9300(CHEMTREC)

Preparer's Name:VILMA HOLMGREN

CAGE:ITWFL

=== Contractor Identification ===

Company Name:ILLINOIS TOOL WORKS INC MAGNAFLUX DIV

Address:3624 WEST LAKE AVENUE

Box:City:GLENVIEW

State:IL

ZIP:60025

Country:US

Phone:847-657-5300/

CAGE:37676

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:ITW FLUID PRODUCTS GROUP

Address:8501 DELPORT DRIV

E
City:ST LOUIS
State:MO
ZIP:63114
Country:US
Phone:800-443-9536
CAGE:ITWFL
Company Name:NEW ERA CONTRACT SALES
Address:2513 TACOMA AVE S
Box:City:TACOMA
State:WA
ZIP:98402-1308
Country:US
Phone:253-272-3553
CAGE:0FA68

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 31 - 50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9596

Ingred Name:N-BUTYL ACETATE (CERCLA)
CAS:
123-86-4
RTECS #:AF7350000
Fraction by Wt: 31 - 50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:NITROCELLULOSE/CELLULOSE NITRATE/COLLODION
CAS:9004-70-0
RTECS #:QW0970000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

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ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:S, C 50 PPM; 9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

ingred Name:N-PROPYL ACETATE

CAS:109-60-4

RTECS #:AJ3675000

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM/250STEL;9596

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

LD50 LC50 Mixture:LD50(ORAL,RAT)14,000 MG/

KG;BUTYL ACETATE

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,

RESPIRATORY & GI TRACTS. ACUTE- EYE/SKIN:MODERATE IRRITATION.

INHALE:HIGH CONCENTRATIONS OF VAPORS MAY CAUSE RESPIRATORY TRACT

IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. ORAL:SIMILAR TO

INHALATION. CHRONIC- MAY CAUSE SKIN SENSITIZATION OR DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects

of Overexposure:IRRITATION, DROWSINESS, DIZZINESS, NAUSEA,

VOMITING, HEADACHE, WEAKNESS, ABDOMINAL DISCOMFORT, DRYNESS OF

SKIN, DERMATITIS, ABDOMINAL PAIN, TEARING, BLURRED VISION

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING

DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE

INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PER

SIST. INHALED:MOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:53.0F,11.7C

Lower Limits:1.38

Upper Limits:12

Extinguishi

ng Media:USE CARBON DIOXIDE, SAND, FOAM, DRY CHEMICAL. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:W

EAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE OR NON-SPARKING TOOLS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:VERY FLAMMABLE. EMPTY CONTAINERS RETAIN RESIDUE. FOLLOW ALL PRECAUTIONS. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST. AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIM

TS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC VAPORS (REFER TO 29 CFR 1910.134).
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:NEOPRENE OR RUBBER
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, INDUSTRIAL-TYPE WORK CLOTHING, APRON
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.
Supplemental Safety and Health DIFFERENT FORMULA.

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

HCC:F2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:163F - 257F
Vapor Density:>1
Spec Gravity:0.84
VOC Grams/Liter:6.27
Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)
Solubility in Water:APPRECIABLE
Appearance and Odor:BLUE TRANSPARENT LOW VISCOSITY LIQUID WITH SWEET SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, SPARKS, FLAMES AND OTHER SOURCES OF IGNITION
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.
APPLICABLE

LE CERCLA/RCRA HAZARDOUS WASTE CODES: D001 (IGNITABILITY)
AND U031 (BUTYL ALCOH OL). REPORTABLE QUANTITY (RQ) UNDER CERCLA:
100 LB

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