

ITW FLUID PRODUCTS GROUP/ A DYKEM COMPANY -- STEEL BLUE DX-100 -- 6850-00-985-6227
===== Product Identification =====

Product ID:STEEL BLUE DX-100

MSDS Date:12/20/1990

FSC:6850

NIIN:00-985-6227

MSDS Number: BNDTJ

=== 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:800-443-953

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

CAGE:ITWFL

=== Contractor Identification ===

Company Name:ITW DEVCON

Address:30 ENDICOTT ST

City:DANVERS

State:MA

ZIP:01923-3712

Country:US

Phone:978-777-1100

CAGE:0RZG3

Company Name:ITW FLUID PRODUCTS GROUP

Address:8501 DELPORT DRIVE

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

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Composition/Information on Ingredients
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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 40-60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 30-60%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ALCOHOL

(SARA III)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:S, C 50 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:NITROCELLULOSE (SYM:COLLODION)

CAS:9004-70-0

RTECS #:QW0970000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT):790 MG/KG FOR BUOH.

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

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

Health Hazards Acute and Chronic:EYES: MODERATE IRRITANT. SKIN:

MODERATE IRRITANT. INHALATION: HIGH CONCENTRATIONS OF VAPORS MAY PRODUCE IRRITATION OF THE RESPIRATORY TRACT, HEADACHE, DIZZINESS, AND NAUSEA. INGESTION: SIMILAR TO INHALATION.

Effects of Overexposure:

EYES: IRRITATION. SKIN: SKIN SENSITIZATION OR

DERMATITIS. INHALATION: HEADACHE, DIZZINESS AND NAUSEA.

Medical Conditions Aggravated by Exposure:RESPIRATORY CONDITIONS; SKIN DISORDERS.

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First Aid Measures
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First Aid:INHALE:REMOVE TO FRESH AIR. EYES/SKIN:FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

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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:CO2,FOAM,DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. WATER MAY BE USED TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND, OR BE MOVED BY VENTILATION AND BE IGNITED BY IGNITION SOURCE.

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Accidental Release Measures
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Spill Release Procedures:REMOVE ALL IGNITION SOURCES AND VENTILATE THE

AREA. WEAR PERSONAL PROTECTIVE EQUIPMENT. USE ABSORBENT MATERIAL SUCH AS SAND OR VERMICULATE. PLACE WASTE IN SEALED CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE STATED BY THE MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. USE WITH ADEQUATE VENTILATION.

Other Precautions:NONE GIVEN BY THE MANUFACTURER.

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Exp

osure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED FOR NORMAL USE WITH ADEQUATE VENTILATION. IN POORLY VENTILATED AREAS, USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE. LOCAL EXHAUST MAY BE REQUIRED IF VAPOR CONCENTRATION IS HIGH.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:EYE WASH FACILITY;IMPERVIOUS APRON; LONG SLEEVED CLOTHI

NG.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

APPLICABLE CERCLA/RCRA HAZARDOUS WASTE CODES: D001 (IGNITABILITY); D031 (BUTYL ALCOHOL). REPORTABLE QUANTITY UNDER CERCLA, IN POUNDS: 100

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

HCC:F2

Boiling Pt:=71.C, 159.8F

B.P. Text:160F,71C

Vapor Pres:36

Vapor Density:>1 (AIR=1)

Spec Gravity:0.86

Evaporation Rate & Reference:>1 (BUAC=1)

Solubility in Water:APPRECIABLE

App

pearance and Odor:INTENSE BLUE LIQUID WITH SWEET SOLVENT ODOR.

Percent Volatiles by Volume:6.8

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPO

SE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL
REGULATIONS.

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