

ITW FLUID PRODUCTS GROUP/ A DYKEM COMPANY -- STEEL RED,DX-986,DX-296,RED DL,80696 --
6850-00-663-0114

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

Product ID:STEEL RED,DX-986,DX-296,RED DL,80696

MSDS Date:07/16/1997

FSC:6850

NIIN:00-663-0114

MSDS Number: CDGXXN

=== 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:INDUSTRIAL SUPPLY CORP

Address:1905 WESTWOOD AVE

Box:6356

City:RICHMOND

State:VA

ZIP:23230

Country:US

Phone:804-355-8041

CAGE:6A908

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 D

ELPORT 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
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 (C
ERCLA)
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 REC

OMMENDED

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:DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)

CAS:123-42-2

RTECS #:SA9100000

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM; 9596

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

Ingred Name:SOLVENT RED 125

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

==== Hazards Identification =====

LD50 LC50 Mixture:LD50(ORAL,RAT)14,000 MG/KG;BUTYL ACETATE

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,
RESPIRATORY & GI TR

ACTS. ACUTE- EYE/SKIN:MODERATE IRRITATION. MAY BE ABSORBED THROUGH SKIN. INHALE:HIGH CONCENTRATIONS OF VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. ORAL:SIMILAR TO INHALATION. CHRONIC- 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

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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.

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. 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.

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Fire Fighting Measures
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Flash Point Method:CC

Flash Point:53.0F,11.7C

Lower Limits:1.38

Upper Limits:12

Extinguishing 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.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE OR NON-SPARKIN

G TOOLS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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===== 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 MAY 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.

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===== 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 LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC VAPORS (REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VE

NTILATION 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

FORMULA AND/OR PERCENTAGES CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A - E, SAME NSN.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:163F - 275F

Vapor Density:>1

Spec Gravity:0.84

VOC Grams/Liter:6.46

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:RED TRANSPARENT LOW VISCOSITY LIQUID WITH SWEET SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRON

G 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 CERCLA/RCRA HAZARDOUS WASTE CODES: D001 (IGNITABILITY) AND U031 (BUTYL ALCOH OL). RQ: 100 LBS.

Discla

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