

ITW DEVCON/ A DYKEM COMPANY -- -8705 STEEL RED DX-986,DX-296,RED DL -- 6850-01-013-9937
===== Product Identification =====

Product ID:-8705 STEEL RED DX-986,DX-296,RED DL

MSDS Date:07/12/1996

FSC:6850

NIIN:01-013-9937

MSDS Number: BVYHS

=== Responsible Party ===

Company Name:ITW DEVCON/ A DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:SAINT LOUIS

State:MO

ZIP:63114-5905

Country:US

Info Phone Num:8

00-443-9536

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:LAKS RAMACHANDRAN

CAGE:98148

=== Contractor Identification ===

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: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; 959

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

CAS:9004-70-0

RTECS #:QW0970000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECO

MMENDED

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

Ingred Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS, 6.46 LB/GL.
RTECS #:9999999VC
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HIGH CONCEN OF VAP MAY PRODUCE IRRIT OF RESP TRACT,HEADACHE,DIZZ,NAU.SKIN/EYE:MODERATE IRRIT.INGEST:NAU,VOMIT.DO NOT INDUCE VOMIT.INGEST:SIMILAR TO INHAL.CHORNIC:PROLONGED REPEATED OVEREXPO TO THIS P RODUCT MAY LEAD TO SKIN SENSITIZATION ORDERMATITIS.
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NTP/IARC/OSHA/ACGIH:NO.
Effects of Overexposure:IRRIT RESP TRACT, HEADACHE, DIZZ, NAUSEA. EYE/SKIN MODERATE IRRIT. SKIN SENSITIZATION, DERMATITIS.
Medical Cond Aggravated by Exposure:SKIN DISORDERS, RESPIRATORY DISORDERS.

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

First Aid:EYE:FLUSH WELL W/WTER.CONTACT PHYSICIAN IF IRRIT PERSISTS.SKIN:WASH W/SOAP/WATER.INHAL:REMOVE TO FRESH AIR.BREATH DIFFI ADMINISTER OXYGEN.INGEST:DO NOT INDUCE VOMITING.CONTACT PHYSICIAN.IF VOMITING OC CURS KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.

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Fire Fighting Measures
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Flash Point Method:CC

Flash Point:53.0F,11.7C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1.38

Upper Limits:12

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS.

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

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Accidental Release Measures
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Spill Release Procedures:PREVENT SKIN/EYE CONTACT.USE NON-COMBUSTIBLE MATL TO CONFINE &/OR ABSORB.ELIMINATE IGNITION SOURCES.VENTILATE AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:EMPTY CNTNRS RETAIN RESIDUE(LIQ &/OR VAP)& CAN BE DANGEROUS.DON'T

PRESSURIZE/CUT/WELD/BRAZE/SOLDER,DRILL/GRIND/EXPO SUCH CNTNR TO

HEAT/SPARK/FLAMES/ET

Other Precautions:USE W/ADEQUATE VENTILATE.MANY HOT ORG CHEM VAP/MIST SUSCEPTIBLE TO SUDDEN SPONT COMBUST WHEN MIX W/AIR.IGN MAY OCCUR @TEMPS BELOW AUTOIGN/IGN LITERATURE TEMPS.IGN TEMP DECR W/INCR VAP VOL & VAP/AIR CONTACT TIME & INFLUENCED BY PRESS CHANGES.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE REQUIRED FOR NORMAL USE W/ADEQUATE VENTI.IN POORLY VENTILATED AREA USE NIOSH APPROV ORG VAPO R RESP.

Ventilation:LOC EXHAUST RECOMMENDED FOR CONFINED AREAS.GENERAL MECHANICAL VENTI IS ADEQUATE FOR NORMAL USE.

Protective Gloves:CHEM RESIST RUBB GLOVES-POLYVINYL CHLORI

Eye Protection:SAFETY GLASSES, SPLASH PROOF GOGGLES.

Other Protective Equipment:CHEM RESIST PROTECTIVE GEAR AS REQUIRED TO MINIMIZE SKIN CONTACT.EYEBATH,SAFETY SHOWER.

Work Hygienic Practices:FOLLOW CURRENT H.M.I.S REGULATIONS.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties
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HCC:F2

Boiling Pt:=73.C, 163.4F

Vapor Pres:NP

Vapor Density:>1

Spec Gravity:0.84

pH:NP

Viscosity:NP

Evaporation Rate & Reference:>1, BUAC=1.

Solubility in Water:APPRECIABLE.

Appearance and Odor:RED TRANSPARENT LOW VISCOSITY LIQ W/SWEET SOLVENT
ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SP

ARKS, OPEN FLAMES.

Hazardous Decomposition Products:OXIDES OF CARBON.

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

Waste Disposal Methods:CONTAINS CHEM(S) SUBJ TO REPORTING REQMTS OF SEC
313 TITLE III/40CFR372.REMOVE TO WASTE DISOO FACILITY OPERATING IN
COMPLIANCE IWTH LOCAL, STATE AND FEDERAL REGULATIONS.CERCLA/RCRA
CODES:D001,U031(BUT YL ALCOHOL).

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