

ITW DEVCON/ A DYKEM COMPANY -- -8703A STEEL BLUE SP-1100 -- 6850-01-015-0834

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Product Identification
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Product ID:-8703A STEEL BLUE SP-1100

MSDS Date:07/12/1996

FSC:6850

NIIN:01-015-0834

MSDS Number: CDQML

=== 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:800-443-9536

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

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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: 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: 11-30%
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:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Fraction by Wt: 11-30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:ASPHYXIAN; 9596

Ingred Name:ISOBUTANE
CAS:75-28-5
RTECS #:TZ4300000
Fraction by Wt: 11-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 6-10%
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:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSH

A 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 RECOMMENDED

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: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:ACTUE:EYE:MODERATE IRRIT.SKIN:MODERATE
IRRIT.INHAL:HIGH CONCEN OF VAPS MAY PRODUCE IRRIT OF RESP
TRACT,HEAD,DIZZ,NAU.INGST:SIMILAR TO INHAL.CHRONIC:PROL REP
OVEREXPO TO THIS PRODUCT MAY LEAD TO SKIN S ENSITIZATION OR
DERMATITIS.

Explanation of Carcinogenicity:PER
MSDS:CARCINOGENICITY:NTP/IARC/OSHA/ACGIH:NO.
Effects of Overexposure:HIGH CONCENTRATIONS OF VAPORS MAY PRODUCE IRRIT
OF RESPI
RATORY TRACT, HEADACHE, DIZZINESS, NAUSEA. MODERATE
SKIN/EYE IRRITATION. SKIN ABSORPTION:MODERATE IRRITATION.
INGEST:NAUS, VOMITING. ASPIRATION HAZARD.
Medical Cond Aggravated by Exposure:SKIN DISORDERS, RESPIRATORY
DISORDERS.

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

First Aid:EYE:FLUSH WELL W/WATER.CONTACT PHYSICIAN IF IRRIT
PERSISTS.SKIN:WASH W/SOAP/WATER.INHAL:REMOVE TO FRESH AIR.BREATH
DIFFI ADMIN OXYGEN.INGEST:DO NOT INDUCE VOMIT.CONTACT

PHYSICIAN.VOMIT OCCURS KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.

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

Flash Point:NA FOR AERO PKG

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1.38

Upper Limits:36.5

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:FIREFIGHERS 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.

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

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

EROUS.DON'T

PRESSURIZE/CUT/WELD/BRAZE/SOLDER/DRILL/GRIND/EXPO SUCH CNTNRS TO HEAT/SPARKS/IGN SOUR

Other Precautions:USE W/ADEQUATE VENTILATION.PRODUCT CONTAINS HIGHLY FLAMM PROPANE-CONTAINING PROPELLANT.WARNING!MANY HOT ORG CHEM VAP/MIST SUSCEPTIBLE TO SUDDEN SPONT COMBUST WHEN MIX W/AIR.IGN MAY OCCUR @TEMPS BEL LI TERATURE AUTOIGN/IGN TEMPS.(SUPPLEMENT)

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

Respiratory Protection:NONE REQUIRED FOR NORMAL USE W /ADEQUATE

VENTILATION.IN POORLY VENTILATED AREAS USE NIOSH APPROVED ORG VAP RESP.

Ventilation:LOCAL EXHASUT IS RECOMMENDED FOR CONFINED AREAS.GENERAL MECHANICAL VENTIALTION IS ADEQUATE IS RECOMMENDED FOR NORMAL USE

Protective Gloves:CHEM RESIST RUB:POLYVINYL CHLORIDE-COATD

Eye Protection:SAF GLASSES,SPLASH PROOF GOGGLES.

Other Protective Equipment:EYE BATH & SAFETY SHOWER.FOLLOW CURRENT H.M.I.S. REGULATIONS.

Work Hygienic Practices:ANY PROPOSED USE OF PROD IN ELEV-TEMP PROCESSES

SHOULD BE WELL EVALUATED TO ASSURE/ESTABLISH/MAINTAIN SAF OPERATING
COND

Supplemental Safety and Health

OTHER PRECAUT:IGN TEMPS DECR W/INCR VAP VOL & VAP VOL & VAP/AIR CONTACT
TIME & INFLUENCED BY PRESSURE CHANGES.IGN OF ORG CHEM VAP MAY OCCUR
@TYP ELEV TEMP PROCESS CONDITIONS,ESPEC IN PROCESSES OPERATI NG
UNDER VAC IF SUBJ TO SUDDEN INGRESS OF AIR/OUTSIDE PROCESS EQPMT
OPERATING UNDER ELEV PRESSU IF SUDDEN VAP/MIST ESCAP

===== Physical/Chemical Properties =====
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HCC:V3

Boiling Pt:=-12.2C, 10.F

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:>1

Spec Gravity:0.86

pH:NP

VOC Grams/Liter:6.8

Viscosity:NP

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

Solubility in Water:APPRECIABLE.

Appearance and Odor:BLURE OPAQUE LOW VISCOSITY LIQUID, WITH SWEET
SOLVENT ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/M

aterials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS, 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 DISPO FACILITY OPERATING IN
COMPLIANCE W/FED/STASTE/LOC REGS.HAZ WASTE CODE:D001,U031(BUTYL
ACLOHOL),RQ:100 LBS.

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