

ITW DEVCON/ A DYKEM COMPANY -- TOLE STEEL BLUE DX-100 -- 6850-01-276-5396

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Product Identification
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Product ID:TOLE STEEL BLUE DX-100

MSDS Date:07/12/1996

FSC:6850

NIIN:01-276-5396

MSDS Number: BZNVG

=== Responsible Party ===

Company Name:ITW DEVCON/ A DYKEM COMPANY

Address:8501 DELPORT DRIVE

City:ST. LOUIS

State:MO

ZIP:63114-5905

Country:US

Info Phone Num:800-443-9536

Emergency Phone Nu

m:800-424-9300(CHEMTREC)

Preparer's Name:VILMA HOLMGREM

CAGE:98148

=== 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

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

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AS: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:4
00 PPM/500STEL;9596

Ingred Name:1-5LODION (WET NITROCELLULOSE)
CAS:9004-70-0
RTECS #:QW0970000
Other REC Limits:NONE RECOMMENDED

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 PP

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

LD50 LC50 Mixture:NOT GIVEN

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

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

Health Hazards Acute and Chronic:HIGH CONCENTRATIONS OF VAPORS MAY PRODUCE IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, NAUSEA. SKIN & EYE CONTACT MAY CAUSE IRRITATION. INGESTION MAY CAUSE NAUSEA AND VOMITING. ASPIRATION HAZARD. PROLONGED REPEATED

OVEREXPOSURE MAY LEAD TO SKIN SENSITIZATION OR DERMATITIS.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA, SKIN IRRITATION, EYE IRRITATION, VOMITING, DERMATITIS.

Medical Conditions Aggravated by Exposure:SKIN DISORDERS, RESPIRATORY DISORDERS.

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

First Aid:EYES: FLUSH WELL WITH WATER. CONTACT A PHYSICIAN IF IRRITATION PERSISTS. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE PATIENT TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. INGESTION: DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.

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

Flash Point Method:CC

Flash Point:11.7C, 53.F

Lower

Limits:1.38

Upper Limits:12

Extinguishing Media:NO WATER NOR ALCOHOL FOAM. USE 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 SOURCES.

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

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. USE

NON-COMBUSTIBLE MATERIAL TO CONFINE AND/OR ABSORB. ELIMINATE IGNITION SOURCES. VENTILATE AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT.

Other Precautions:USE WITH ADEQUATE VENTILATION. MANY HOT ORGANIC CHEMICAL VAPORS OR

MISTS ARE SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT TEMPERTURES BELOW THOSE PUBLISHED I N LITERATURE AS "AUTOIGNITION" TEMPS.

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

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

Ventilation:LOCAL EXHAUST RECOMMENDED FOR CONFINED AREAS.GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves:CHEM RESIST RUBB GLVS,POLYVINYL CHLORIDE

Eye Protection:SAFETY GLASSES,SPLASH PROOF GOGGLES.

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

IGNITION OF ORGANIC CHEMICAL VAPORS MAY OCCUR A T TYPICAL ELEVATED

TEMPERATURE PROCESS CONDITIONS, ESPECIALLY IN PROCESSES OPERATING UNDER VACUUM IF SUBJECTED TO SUDDEN INGRESS OF AIR OR OUTSIDE PROCES S EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS OR MISTS TO THE ATMOSPHERE OCCURS.

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

HCC:F2

Boiling Pt:=72.8C, 163.F

Vapor Pres:NOT GIVEN

Vapor Density:>1

Spec Gravity:0.84

VOC Grams/Liter:6.27

Evaporation Rate & Reference:>1 (N-BUT

YL ACETATE=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:BLUE TRANSPARENT LOW VISCOSITY LIQUID W/SWEET SOLVENT ODOR.

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

Stability Indicator/Materials 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:REMOVE TO WASTE DISPO FACILITY OPERATING IN

COMPLIANCE W/FED/STATE/LOC REGS.CERCLA/RCRA HAZ WASTE CODE:DOO1,UO31(BUTYL ALCOHOL).RQ CERCLA:100LBS.CHEM SUBJ TO REPORTING REQMTS OF SEC 313 TITLE III/40CF R 372:NORMAL BUTYL ALCOHOL 1-5%.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

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