

ITW DEVCON/ A DYKEM COMPANY -- TOLE STEEL BLUE DX-100 -- 6850-00-664-9067

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

Product ID:TOLE STEEL BLUE DX-100

MSDS Date:07/12/1996

FSC:6850

NIIN:00-664-9067

MSDS Number: CFYMS

=== 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

===== Composition/Information on Ingredients =====

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:COLLODION (WET NITROCELLULOSE)  
CAS:9004-70-0  
RTECS #:QW0970000  
Fraction by Wt: 1-5%  
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 PPM/250STEL;9596

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Hazards Identification  
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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 Cond Aggravated by Exposure:SKIN DISORDERS, RESPIRATORY DISORDERS.

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First Aid Measures  
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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  
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Flash Point Method:CC

Flash Point

t:53.0F,11.7C

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  
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Spill Release Procedures:PREVENT SKIN AND

D 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  
MECHA

NICAL 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 CHEMICA

L VAPORS MAY OCCUR AT 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:B.P. Text:163F,73C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

V

apor Density:>1  
Spec Gravity:0.84  
Evaporation Rate & Reference:>1 (N-BUTYL 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 =  
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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%.

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