

ITW FLUID PRODUCTS GROUP -- 8706, 80500,STEEL BLUE; DX-100 -- 6850-00-664-9067

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

Product ID:8706, 80500,STEEL BLUE; DX-100
MSDS Date:07/12/1996
FSC:6850
NIIN:00-664-9067
Status Code:A
MSDS Number: CJLWW
=== Responsible Party ===
Company Name:ITW FLUID PRODUCTS GROUP
Address:8501 DELPORT DRIVE
City:ST. LOUIS
State:MO
ZIP:63114
Country:US
Info Phone Num:800-443-9536

Emergency Phone Num:800-443-9536
Preparer's Name:LAXS RAMACHANDRAN
Chemtrec Ind/Phone:(800)424-9300
CAGE:TO268
=== 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/
Contract Num:SP0450-99-M-C129
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
Company Name:ITW FLUID PRODUCTS G

ROUP
Address:8501 DELPORT DRIVE
Box:City:ST. LOUIS
State:MO
ZIP:63114
Country:US
Phone:800-443-9536
CAGE:TO268

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Minumum % Wt:31.
Maxumum % Wt: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
Minumum % Wt:31.
Maxumum % Wt: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
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:COLLODION (WET NITROCELLULOSE)
CAS:9004-70-0
RTECS #:QW0970000
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)
CAS:71-36-3
RTECS #:EO1400000
Minumum

% Wt:1.
Maxumum % Wt: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
Minumum % Wt:1.
Maxumum % Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/250STEL;9596

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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:ACUTE: EYES: MODERATE IRRITATION.
SKIN: MODERATE IRRITATION. INHALATION: HIGH CONCENTRATIONS OF VAPORS MAY PRODUCE IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, NAUSEA. INGESTION: MAY CAUSE NA USEA, VOMITING, HEADACHE, DIZZINESS. CHRONIC: PROLONGED REPEATED OVEREXPOSURE MAY LEAD TO SKIN SENSITIZATION OR DERMATITIS.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS O F 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, SKIN SENSITIZATION, DERMATITIS. INHALATION: RESPIRATORY TRACT IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING. INGESTION: HEADACHE, DIZZINESS, NAUSEA, VOMITING.
Medical Cond 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.

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

Flash Point Method:CC

Flash Point:=11.7C, 53.F

Lower Limits:1.38

Upper Limits:12

Extinguishing Media:DO NOT USE

WATER NOR ALCOHOL FOAM. USE CARBON DIOXIDE, 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 AND MAY TRAVEL ALONG GROUND OR BE MOVED BY VENTILATION AND BE IGNITED BY IGNITION SOURCE.

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

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. USE NON-COMBUSTIBLE MATERIAL TO CONFIN

E AND/OR ABSORB. ELIMINATE IGNITION SOURCES. VENTILATE AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID AND VAPORS) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, SPARKS, FLAMES, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. USE WITH ADEQUATE VENTILATION

Other Precautions:MANY HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE SUSCEPTIBLE TO SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT TEMPERATURES BELOW THOSE PUBLISHED AS "AUTOIGNITION" TEMPS. ANY PROPOSED USE OF THIS PRODUCT IN ELEVATED-TEMPERATURE PROCESSES SHOULD BE EVALUATED TO ASSURE SAFE OPERATING CONDITIONS.

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

Respiratory Protection:NONE REQUIRED FOR NORMAL USE WITH 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:CHEMICAL RESISTANT RUBBER GLOVES, SUCH AS POLYVINYL CHLORIDE-COATED.

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. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

IGNITION OF ORGANIC CHEMICAL VAPORS MAY OCCUR AT TYPICAL ELEVATED TEMPERATURE PROCESS CONDITIONS, ESPECIALLY IN PROCESSES OPERATING UNDER VACUUM IF SUBJECTED TO SUDDEN INGRESS OF AIR OR OUTSIDE PROCESS EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS OR MIXTURES TO THE ATMOSPHERE OCCURS.

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

HCC:F2

Boiling Pt:B.P. Text:163F TO 257F RANGE

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

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:>1

Spec Gravity:0.84

VOC Grams/Liter:6.27

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

Solubility in Water:APPRECIABLE

Appearance and Odor:BLUE TRANSPARENT LOW VISCOSITY LIQUID WITH 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 DISPOSAL FACILITY OPERATING IN COMPLIANCE WITH FEDERAL, STATE, LOCAL REGULATIONS. CERCLA/RCRA HAZARDOUS WASTE CODE: DOO1, UO31(BUTYL ALCOHOL). RQ=100 LBS.

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MSDS Transport Information
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Transport Information: PROPER SHIPPING NAME: PAINT, 3, UN1263, (PG) II
(CONTAINERS < 1 PINT ARE ORM-D)

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Regulatory Information
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SARA Title III Information: NORMAL BUTYL ALCOHOL, 1-BUTANOL, IS A TOXIC
CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 O
TITLE III AND OF 40 CFR 372.

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