

DOLPH JOHN C CO -- AC-41 SYNTHITE -- 5970-01-190-5473

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Product Identification  
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Product ID:AC-41 SYNTHITE  
MSDS Date:09/09/1993  
FSC:5970  
NIIN:01-190-5473  
MSDS Number: CFYZP  
=== Responsible Party ===  
Company Name:DOLPH JOHN C CO  
Address:WEST NEW RD  
Box:267  
City:MONMOUTH JUNCTION  
State:NJ  
ZIP:08852-9513  
Country:US  
Info Phone Num:908-329-2333  
Emergency Phone Num:908-329-2333  
CAGE:72688

=== C  
Contractor Identification ===  
Company Name:JOHN C. DOLPH COMPANY  
Address:NEW ROAD  
Box:267  
City:MONMOUTH JUNCTION  
State:NJ  
ZIP:08852  
Country:US  
Phone:908-329-2333  
CAGE:72688

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Composition/Information on Ingredients  
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Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 55-65%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM/150STEL;9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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==== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:EYE:IRRITANT.DIRECT CONTACT W/LIQ/EXPO TO VAP/MIST MAY CAUSE

BURNING,TEARING,REDNESS,SWELLING.SKIN:IRRIT.PROL/REP EXPO MAY CAUSE REDNESS,BURNING,DRYING/CRACKING.MAY BE ABSORBED THRU SKIN.INHAL:BREATH HI CONC VAP/MIST MAY CAUSE IRRIT OF

NOSE/THROAT,SIGNS OF NERV DEPRESS(DROWS,DIZZ,LOSS OF COORDINATION,FTG).PROL/REP(SUP)

Explanation of Carcinogenicity:PER MSDS:THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS CARCINOGEN OR PROBABLE CARCINOGEN BY NTP/IARC/OSHA.

Effects of Overexposure:EYE IRRIT,BURNING,TEARING,REDNESS,SWELLING. SKIN IRRIT,REDNESS,BURNING,DRYING/CRACKING,ABSORBED THRU SKIN. IRRIT OF NOSE/THROAT,NERV DEPRESS(DROWS,DIZZ,LOSS OF COORDINATION,FTG),LIV/KIDNEY DMG. IRRIT O F DIGESTIVE TRACT,NERV DEPRESS

(DRWOS,DIZZ,LOSS OF COORDINATION,FTG),ASPIRATION HAZ-LUNG INFLAMM,DMG.

Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSEPTIBLE TO EFFECTS OF THIS MATL.RESP SYS ASSOC W/PRE-EXISTING LUNG DISORDERS(ASTHMA-LIKE CONDITIONS)MAY BE AGGRAVATED BY EXPO TO MATL.

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

First Aid:EYE:IRRIT/RED DEVLPS MOVE AWAY FRM EXPO INTO FRESH AIR.IRRIT/RED PERSIST GET MED ATTN.FLUSH W/CLEAN H2O

@LEAST

15MINS.SEEK MED ATTN.SKIN:REMOVE CONTAM CLOTH.CLEANSE AREA WELL BY WASHING W/MILD SOAP/H2 O.IRRIT/RED DEVLV/PERSIST GET MED ATTN.INHAL:SYMPT DVLP MOVE AWAY FRM EXPO INTO FRESH AIR.SMPT PERSIST GET IMMED MED ATTN.NOT BREATH ADMIN ART RESP;DIFFI BREATH GIVE OXY.GET IMMED MED ATTN(OTHER PREC)

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

Flash Point Method:TCC

Flash Point:81.0F,27.2C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1.0

Upp

er Limits:7.0

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL

Fire Fighting Procedures:SMALL FIRE:EXTINGUISH W/DRY CHEMICAL,CARBON DIOXIDE,FOAM.LG FIRE:USE DRY CHEMICAL OR FOAM.WATER MAY BE INEFFECTIVE ON THIS MATL.USE SCBA RECOMMED FOR (SUPPLE)

Unusual Fire/Explosion Hazard:MATL IS FLAMM & MAY BE IGNITED BY HEAT,SPARKS,FLAME OR STATIC ELECTRICITY.

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

Spill Release Procedures:STAY UPWIND,AWAY FRM SPILL.KEEP A LL IGN

SOURCES/HOT METAL SURF AWAY.SPILL INDOORS VENTILATE AREA.FOAM/ESPECIALLY HIGH EXPANSION FOAM MAY BE USED TO SUPPRESS VAP.KEEP OUT OF DRAINS/SEWERS/WATERWAYS.USE SAND/OTHER INERT MATL TO DAM/CONTAIN.DONT(NEUTRA)

Neutralizing Agent:SPILL:FLUSH AREA W/WATER USE ABSORBENT PADS.NOTIFY APPROP AGENCIES.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:1ST AID:INGEST:GET EMERG MED ATTN.MATL SLIGHTLY TOXIC

BY INGEST/ASPIRATION HAZ.DROWSY/UNCONSC PLACE ON LEFT SIDE W/HEAD DOWN.DONT GIVE ANTHING BY MOUTH.CONSC/ALERT INDUCE VOMIT FOR INGEST OF LG AMTS(>5 OZ)W/SYRUP OF IPECAC PER DR/POIS CNTRL.

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

Respiratory Protection:USE OF RESP PROTECTION IS ADVISED WHEN CONCEN EXCEED ESTABLISHED EXPO LIMITS.DEPENDING ON AIRBORNE CONCEN USE RESPIRATOR OR GAS MASK W/APPROPRIATE CARTRIDGES & CANNISTERS(NIOSH

APPROV IF AVAIL)OR SUPPLIED AIR EQPMT.

Ventilation:IF CURRENT VENTILATION NOT ADEQUATE TO MAINTAIN AIRBORNE CONC BEL ESTABL EXPO LIMITS VENTILATION/EXHAUST SYS REQUIRE(OTH PROT EQ)

Protective Gloves:PLASTIC OR HYDROCARBON INSOLUBLE RUBBER

Eye Protection:CHEM GOGGLES OR FACE SPLASH SHIELD

Other Protective Equipment:EYEWASH FOUNTAIN.NEOPRENE APRON. VENTILATION:WHEN EXPLO MIXTURES PRESENT SYS SAF FOR SUCH LOC SHOULD BE USED.

Work Hygienic Practices:NO SMOKING OR OPEN LIGHTS.

Supplemental Safety a

nd Health

FIREFIGHT:FOR FIRE FIGHTERS.H2OSPRAY MAY BE USEFUL TO MIN VAP/COOL  
CNTNR BUT USE CAUT TO PREVENT SPREAD OF BURNING LIQ BY COOLING H2O.  
HEALTH:VAP/MIST EXPO MAY CAUSE LIV/KID DMG.INGEST:EXCESS QUANT IN  
GEST MAY CAUSE IRRIT OF DIG TRACT,SIGNSO F NERV  
DEPRESS(DROWS,DIZZ,LOSS OF COORDINAT).ASPIRATION HAZ-LUNG  
INFLAMM,DMG.

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

HCC:F3

Boiling Pt:=137.8C, 280.F

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

Decomp Temp:Deco

mp Text:NP

Vapor Pres:NP

Vapor Density:3.7

Spec Gravity:0.94

pH:NP

Viscosity:NP

Evaporation Rate & Reference:0.47,BUTYL ACETATE=1

Solubility in Water:NELGIGIBLE

Appearance and Odor:CLEAR AMBER LIQUID, AROMATIC ODOR

Percent Volatiles by Volume:60-70

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS OR BASES, OXIDIZING AGENTS AND SELECTED AMINES.

Stability Condition to Avoid:HIGH TEMPERATURE STORAGE.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD CARBON  
MONOXIDE, CARBON DIOXIDE, &/OR OXIDES OF NITROGEN.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL AGENCIES.

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