

DOLPH JOHN C CO -- SYNTHITE AC-29-7S -- 8010-00-180-6343

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Product Identification  
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Product ID:SYNTHITE AC-29-7S  
MSDS Date:02/02/1989  
FSC:8010  
NIIN:00-180-6343  
MSDS Number: BDGDG  
=== 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

=== 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:XYLENE (SARA III). VP: 6.6 @ 68F  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 15-20%  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA III). VP: 4.4 @

68F  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 13-17%  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:VM & P NAPHTHA. VP: 5.2 @ 68F  
CAS:64742-48-9  
Fraction by Wt: 2-6%  
OSHA PEL:300 PPM,400 PPM STEL  
ACGIH TLV:300 PPM

Ingred Name:FIRST AID PROC:MOVE VICTIM AWAY FROM SOURCE OF EXPOSURE &  
INTO FRESH AIR. IF SYMPS PERSIST, SEEK IMMED MED ATTN. (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4: INGEST: SEEK EMER MED ATTN. THIS MATL IS SLIGHTLY  
TOX BY INGEST & AN ASPIR HAZ. IF VICTIM IS DROWSY OR (ING 6)  
RTECS #:9999999ZZ

Ingred Name:ING 5: UNCONSCIOUS, PLACE ON THE LEFT SIDE WITH THE HEAD  
DOWN. DO NOT GIVE ANYTHING BY MOUTH. IF VICTIM IS (ING 7)  
RTECS #:9999999ZZ

Ingred Name:ING 6:CONSCIOUS & ALERT, VOMIT SHOULD BE INDUCED FOR INGEST  
OF LARGE AMOUNTS (>5 OUNCES IN AN ADULT) PREFERABLY) (ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: WITH SYRUP OF IPECAC UNDER DIRECTION FROM A  
PHYSICIAN OR POISON CENTER. IF SYRUP OF IPECAC  
IS NOT AVAIL, (ING  
9)  
RTECS #:9999999ZZ

Ingred Name:ING 8:VOMIT CAN BE INDUCED BY GENTLY PLACING TWO FINGERS IN  
THE BACK OF THE THROAT. IF POSSIBLE, DO NOT LEAVE (ING 10)  
RTECS #:9999999ZZ

Ingred Name:ING 9: VICTIM UNATTENDED.  
RTECS #:9999999ZZ

Ingred Name:SPILL PROC:USE SAND OR OTHER INERT MATL TO DAM & CONTAIN  
SPILL. DO NOT FLUSH AREA W/WATER; USE ABSORBENT PADS. (ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11: NOTIFY APPROPRIATE AGENCIES.  
RTECS #:9999999ZZ

Ingred Name:ING 12:&

PROMPTLY SHIPPED TO A DRUM RECONDITIONER. ALL  
OTHER CNTNRS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY (ING 14)  
RTECS #:9999999ZZ

Ingred Name:ING 13: SAFE MANNER AND IN ACCORDANCE WITH GOVT REGS.  
BEFORE WORKING ON OR IN TANKS WHICH CONTAIN OR HAVE (ING 15)  
RTECS #:9999999ZZ

Ingred Name:ING 14: CONTAINED THIS PROD, REFER TO OSHA REGS &/OR ANSI  
Z49.1 PERTAINING TO CLEANING, REPAIRING, WELDING OR (ING 16)  
RTECS #:9999999ZZ

Ingred Name:ING 15: OTHER CONTEMPLATED OPERATIONS. AVOID PER  
SONAL  
CONTACT WITH PRODUCT.  
RTECS #:9999999ZZ

Ingred Name:VENT: MAY BE REQUIRED. WHERE EXPLOSIVE MIXTURES MAY BE  
PRESENT, SYS SAFE FOR SUCH LOCATIONS SHOULD BE USED. NO (ING 18)  
RTECS #:9999999ZZ

Ingred Name:ING 17: SMOKING OR OPEN LIGHTS.  
RTECS #:9999999ZZ

===== 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

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Health Hazards Acute and Chronic:EYE: THIS MATL IS AN IRRIT. DIRECT  
CNTCT W/LIQ OR EXPOSURE TO ITS VAP OR MISTS MAY CAUSE BURNING,  
TEARING, REDNESS & SWELLING. SKIN: THIS MATL MAY CAUSE SKIN IRRIT.  
PRLNGD/RPTD EXPOS TO THIS MATL MAY CAUSE REDNESS, BURNING, &  
DRYING & CRACKING OF SKIN & DERM. THIS PROD MAY BE ABSORBED THRU  
SKIN. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: INHAL: BRTHG HIGH CONCS OF VAPS/MISTS  
MAY CAUSE IRR

IT OF NOSE & THROAT & SIGNS OF NERV DEPRESS (E.G.

DROWS, DIZZ, LOSS OF COORD, & FATIGUE). PRLNGD/RPTD EXPOSURE TO  
VAPS/MISTS MAY CAUSE LIVE R DMG & KIDNEY DMG. INGEST: INGEST OF  
EXCESS QTYS MAY CAUSE IRRIT OF THE DIGEST TRACT & SIGNS OF NERV  
DEPRESS(SUPP DATA)

Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING SKIN  
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFTS OF THIS MATL. RESP  
SYS ASSOC W/PRE-EXISTING LUNG DISORDERS (E.G, ASTHMA-LIKE CNDTNS)  
MAY BE AGGRAVATE

D BY EXPOS TO THIS MATL.

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

First Aid:EYE: IF IRRIT/REDNESS FROM EXPOS TO VAPS DEVELOPS, MOVE VICTIM AWAY FROM EXPOSURE & INTO FRESH AIR. IF IRRIT/REDNESS PERSISTS, SEEK MED ATTN. FOR DIRECT CNTCT, FLUSH W/CLEAN WATER FOR @ LST 15 MIN. SE EK MED ATTN. SKIN: REMOVE CONTAM CLTHG.CLEANSE AFFECTED AREA(S) THORO BY WASHING W/MILD SOAP & WATER. IF IRRIT/REDNESS DEVELOPS & PERSISTS, SEEK MED ATTN. INHAL: IF SYMPS

OF EXPOS DEVELOP, (ING 4)

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

Flash Point Method:TCC

Flash Point:54.0F,12.2C

Lower Limits:0.9%

Upper Limits:11.2%

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:USE OF NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . WATER SPRAY MAY BE USEFUL IN MINIMIZE VAPS & COOL CNTNRS BUT USE CAUTION TO PVNT SPREADING (SUPP DATA)

Unusual Fire/Explosion Hazard:THIS MATERIAL IS FLAMMABLE AND MAY BE IGN

ITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

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

Spill Release Procedures:STAY UPWIND & AWAY FROM SPILL. KEEP ALL SOURCES OF IGNIT & HOT METAL SURFS AWAY FROM SPILL. IF SPILL IS INDOORS, VENT AREA OF SPILL. FOAM, ESPECIALLY HIGH EXPANSION FOAM, MAY BE USED TO SUPPRESS VAPS. KEEP OUT OF DRAINS, SEWERS/WATERWAYS.(ING 11)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CNTNRS TIGHTLY CLSD, COOL, DRY & AWAY FROM SOURCES OF IGNIT. USE & STORE PROD W/ADEQ VENT. "EMPTY" CNTNRS RETAIN RESIDUE & CAN BE DANGEROUS.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CNTNRS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNIT, THEY MAY EXPLODE & CAUSE INJURY OR DEATH. "EMPTY" DRUMS SHOULD BE COMP LETELY DRAINED, PROPERLY BUNGED(ING 13)

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

Respiratory Protection:THE USE OF RESP PROT IS ADVISED WHEN CONCS EXCEED THE ESTAB EXPOSURE LIMITS (SEE INGRED SECT). DEPENDING ON THE AIRBORNE CONC, USE A NIOSH/MSHA APPROVED RESP OR GAS MASK W/APPROP CARTRIDGE & CANISTERS OR SUPPLIED AIR EQUIPMENT.

Ventilation:IF CURRENT VENT PRACTS ARE NOT ADEQ TO MAINTAIN AIRBORNE CONCS BELOW ESTAB EXPOS LIMITS, ADDNL VENT/EXHST SYS (ING 17)

Protective Gloves:PLASTIC OR HYDROCARBON I NSOLUBLE RUBBER

Eye Protection:CHEM.GOGS OR FACE SHIELD

Other Protective Equipment:EYE WASH FOUNTAIN. NEOPRENE APRON.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICE.

Supplemental Safety and Health

FIRE FIGHT PROC: OR BURNING LIQUID BY THE COOLING WATER. EFTS OF OVEREXP: (E.G. DROWS, DIZZ, LOSS OF COORD, & FATIGUE). ASPIR HAZ - THIS MATL CAN ENTER LUNGS DURING SWALLOWING OR VOMITING & CAUSE LUNG INFLAMM & DMG. COMMENTS: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARC

INOGEN OR PROBABLE CARCIN BY NTP, IARC/OSHA.

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

HCC:F2

Boiling Pt:B.P. Text:>240F,>116C

Vapor Pres:SEE INGS

Vapor Density:3.3

Spec Gravity:0.97

Evaporation Rate & Reference:0.26 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK AMBER LIQUID, AROMATIC ODOR.

Percent Volatiles by Volume:37-47

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

Stability Indicator/Materials to Avoid:YE

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THIS MATL IS INCOMPATIBLE WITH STRONG ACIDS OR BASES, OXIDIZING AGENTS, SELECTED AMINES, ALKALI METALS AND HALOGENS.

Stability Condition to Avoid:HIGH TEMPERATURE STORAGE.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE AS WELL AS OXIDES OF NITROGEN.

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

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

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