

JOHN C DOLPH CO -- SYNTHITE, AC-43 -- 5970-01-252-7481

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Product Identification
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Product ID:SYNTHITE, AC-43
MSDS Date:09/09/1993
FSC:5970
NIIN:01-252-7481
MSDS Number: BVXDB
=== Responsible Party ===
Company Name:JOHN C DOLPH CO
Address:NEW ROAD
Box:267
City:MONMOUTH JUNCTION
State:NJ
ZIP:08852
Country:US
Info Phone Num:908-329-2333
Emergency Phone Num:908-329-2333
Chemtrec Ind/Phone:(800
)424-9300
CAGE:GO805
=== Contractor Identification ===
Company Name:JOHN C DOLPH CO
Address:WEST NEW RD
Box:267
City:MONMOUTH JUNCTION
State:NJ
ZIP:08852-9513
Country:US
CAGE:GO805
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:VM & P NAPHTHA (MINERAL SPIRITS)
CAS:64475-85-0
RTECS #:PY8240000
Fraction by Wt: 38-46%
OSHA

PEL:N/K
ACGIH TLV:N/K

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 15-25%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM;150 PPM STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== 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: MATERIAL IS IRRITATING. DIRECT
CONTAC

T WITH LIQUID OR EXPOSURE TO ITS VAPORS / MISTS MAY CAUSE
BURNING, TEARING, REDNESS AND SWELLING. SKIN: MATERIAL MAY CAUSE
SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE TO MATERIAL MAY
CAUSE REDNESS, BURNING, AND DRYING AND CRACKING OF SKIN. PRODUCT
MAY BE ABSORBED THROUGH SKIN. PERSONS WITH PRE-EXISTING SKIN
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.
INHALATION: BREATHING HIGH CONCENTRATIONS OF VAPORS / MISTS MAY
CAUSE IRRITATION OF THE NO

SE AND THROAT AND SIGNS OF NERVOUS SYSTEM

DEPRESSION (E.G. DROWSINESS, DIZZINESS, LOSS OF (SIGNS AND SYMPTOMS
OF OVEREXPOSURE)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HEALTH HAZARDS ACUTE AND CHRONIC (CONT):

COORDINATION, AND FATIGUE). PROLONGED OR REPEATED EXPOSURE TO
VAPORS MAY CAUSE LIVER DAMAGE AND KIDNEY DAMAGE. RESPIRATORY
SYSTEMS ASSOCIATED WITH PRE-EXISTING LUNG DISORDERS (E.G.
ASTHMA-LIKE CONDITIONS) MAY BE AGGRAVATED BY EXPOSURE TO

THIS

MATERIAL. INGESTION: INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE
IRRITATION OF THE DIGESTIVE TRACT AND SIGNS OF NERVOUS SYSTEM
DEPRESSION (E.G. DROWSINESS, DIZZINESS, LOSS OF COORDINATION, AND
FATIGUE. ASPIRATION HAZARD - THIS MATERIAL CAN ENTER THE LUNGS
DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMMATION AND
DAMAGE.

Medical Cond Aggravated by Exposure:PERSONS W/ PRE-EXISTING SKIN

DISORDERS MAY BE MORE SUSCEPTIBLE TO EFFECTS OF MATERIAL. RESP SYS ASSOC
W/ PR

E-EXISTING LUNG DISORDERS (E.G. ASTHMA-LIKE CONDITNS) MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

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

First Aid:EYE: MOVE VICTIM AWAY FROM EXPOSURE AND INTO FRESH AIR. IF IRRITATION / REDNESS PERSISTS, SEEK MEDICAL ATTENTION. FOR DIRECT CONTACT, FLUSH AFFECTED EYE(S) WITH CLEAN WATER FOR AT LEAST 15 MINUTES. SE EK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. CLEANSE AFFECTED AREA(S) THOROUGHLY BY WASHING WITH MILD SOAP AND WATER. IF IRRITATION / REDNESS DEVELOPS AND PERSISTS, SEEK MEDICAL ATTENTION . INHALATION: MOVE VICTIM AWAY FROM SOURCE OF EXPOSURE AND INTO FRESH AIR. IF SYMPTOMS PERSIST, SEEK IMMEDIATE MEDICAL ATTENTION. IF VICTIM IS NOT BREATHING, ARTIFICIAL RESPIRATION SHOULD BE ADMINISTE RED. IF BREATHING (TOXICOLOGICAL INFO)

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

Flash Point Method:TCC

Flash Point:=12.2C, 54.F

Lower Limits

:0.9%

Upper Limits:7%

Extinguishing Media:SMALL FIRES: EXTINGUISH WITH DRY CHEMICAL, CARBON DIOXIDE OR FOAM. LARGE FIRES: USE DRY CHEMICAL OR FOAM. WATER MAY BE INEFFECTIVE ON THIS MATERIAL.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT . WATER SPRAY MAY BE USEFUL TO MINIMIZE VAPORS AND FOR COOLING CONTAINERS BUT USE CAUTI ON TO PREVENT THE SPREADING OF BURNING LIQUID BY COOLING WATER.

U

nusual Fire/Explosion Hazard:MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAME OR STATIC ELECTRICITY.

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

Spill Release Procedures:STAY UPWIND AND AWAY FROM SPILL. KEEP ALL SOURCES OF IGNITION AND HOT METAL SURFACES AWAY FROM SPILL. IF SPILL IS INDOORS, VENTILATE AREA OF SPILL. FOAM, ESPECIALLY HIGH EXPANSION FOAM, MAY BE USED TO SUPPRESS VAPORS. KEEP OUT OF DRAINS, SEWERS AND WATERWAYS. USE SAND

OR OTHER INERT MATERIAL TO
DAM AND CONTAIN SPILL. DO NOT FLUSH AREA WITH WATER; USE ABSORBENT
PADS. NOTIFY APPROPRIATE AGENCIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED, COOL,
DRY AND AWAY FROM SOURCES OF IGNITION. USE AND STORE PRODUCT WITH
ADEQUATE VENTILATION.

Other Precautions:AVOID INHALATION OF VAPORS AND PERSONAL CONTACT WITH

THE PRODUCT. USE GOOD PERSONAL HYGIENE PRACTICES. "EMPTY"
CONTAINERS RETAIN RESIDUE & CAN BE DANGEROUS. DO NOT PRESSURIZE,
CUT, WELD, BRAZE, SOLDER , DRILL, GRIND OR EXPOSE SUCH CONTAINERS
TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY M AY
(TRANSPORT INFO)

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

Respiratory Protection:USE OF RESPIRATORY PROTECTION IS ADVISED WHEN
CONCENTRATIONS EXCEED ESTABLISHED EXPOSURE LIMITS. DEPENDING ON
AIR

BORNE CONCENTRATION, USE NIOSH APPROVED RESPIRATOR OR GAS MASK
WITH APPROPRIATE CARTRID GES AND CANNISTERS OR SUPPLIED AIR
EQUIPMENT.

Ventilation:IF CURRENT VENTILATION PRACTICES ARE NOT ADEQUATE TO
MAINTAIN AIRBORNE CONCENTRATIONS BELOW ESTABLISHED EXPOSURE LIMITS,
ADDNL VENT/EXHST (SUPDAT)

Protective Gloves:PLASTIC OR HYDROCARBON INSOLUABLE RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL SAFETY GOGGLES .

Other Protective Equipment:EYE WASH FOUNTAIN MMETING ANSI DESIGN

CRITERIA . NEOPRENE APRON.

Work Hygienic Practices:NO SMOKING OR OPEN LIGHTS.

Supplemental Safety and Health

VENTILATION (CONT): ADDITIONAL VENTILATION / EXHAUST SYSTEMS MAY BE
REQUIRED. WHERE EXPLOSIVE MIXTURES MAY BE PRESENT, SYSTEMS SAFE FOR
SUCH LOCATIONS SHOULD BE USED.

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

HCC:F2

Boiling Pt:>121.1C, 250.F

Vapor Pres:6.6 @ 68 F (XYLENE)

Vapor Density:3.9

Spec Gravity:0.88

Evaporation Rate & Reference:0.59 (N-BUTY

L ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR AMBER LIQUID, AROMATIC ODOR.

Percent Volatiles by Volume:65-75

===== 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 AND/OR CARBON DIOXIDE.

===== Toxicological Information =====

Toxicological Information:N/P. FIRST AID (CONT): DIFFICULTIES DEVELOP, OXYGEN SHOULD BE ADMINISTERED BY QUALIFIED PERSONNEL. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION: SEEK EMERGENCY MEDICAL ATTENTION. THIS MATERIAL IS SLIGHTLY TOXIC BY INGESTION AND IS AN ASPIRATION HAZARD. IF VICTIM IS DROWSY OR UNCONSCIOUS, PLACE ON LEFT SIDE WITH HEAD DOWN. DO NOT GIVE ANYTHING BY MOUTH. IF THE VICTIM IS CONSCIOUS AND ALERT, VOMITING SHOULD BE INDUCED FOR INGESTION OF LARGE AMOUNTS (MORE THAN 5 OZ IN AN ADULT). PREFERABLY WITH SYRUP OF IPECAC UNDER DIRECTION FROM A PHYSICIAN OR POISON CONTROL CENTER. IF SYRUP OF IPECAC IS NOT AVAILABLE, (ECOLOGICAL INFO)

===== Ecological Information =====

Ecological:N/P. TOXICOLOGICAL INFO (CONT): VOMITING CAN BE INDUCED BY GENTLY PLACING 2 FINGERS IN BACK OF THROAT. IF POSSIBLE, DO NOT LEAVE VICTIM UNATTENDED.

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

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

===== MSDS Transport Information =====

Transport Information:N/P. EXPLODE AND CAUSE INJURY OR DEATH. "EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY SHIPPED TO THE DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH

WITH GOVERNMENT REGULATION. BEFORE WORKING ON OR IN
TANKS WHICH CONTAIN OR HAVE CONTAINED THIS PRODUCT, REFER TO OSHA
REGS AND / OR ANSI Z49.1 PERTAINING TO CLEANING, REPAIRING,
WELDING OR OTHER COMPLICATED OPERATIONS.

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

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