

DOLPH JOHN C CO -- HI-THERM BC-350 -- 5970-00-166-1682

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Product Identification
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Product ID:HI-THERM BC-350
MSDS Date:04/08/1994
FSC:5970
NIIN:00-166-1682
MSDS Number: BDDZX
=== 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:800-424-9300(CHEMTREC)

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:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 60-70%
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
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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:IRRIT.LIQ CONTACT/VAP/MIST EXPO
CAUSE BURNING,TEAR,RED,SWELL.SKIN:IRRIT.PROL/REP EXPO CAUSE
RED,BURNING,DRY/CRACK.MAY BE ABSORBED THRU SKIN.INHAL:VAP/MIST
IRRIT NOSE/THROAT,SIGNS OF NERVOUS DEPRES S.PROL/REP EXPO CAUSE
LIVER

/KIDNEY DMG.INGEST:IRRIT GI TRACT,SIGNS OF NERVOUS
DEPRESS.ASPIRATION HAZ-LUNG INFLAMM/DMG.

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. NOSE/THROAT IRRIT,
NERVOUS DEPRESS (DROWSINESS, DIZZINESS, LOSS OF COORDINATION, FTG),
LIVER DAMAGE, KIDN EY DAMAGE, IRRIT GI TRACT, AS

PIRATION
HAZARDOUS-LUNG INFLAMMATION & DAMAGE.

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

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First Aid Measures
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First Aid:EYE:MOVE TO FRESH AIR.IRRIT/RED PERSIST GET MED ATTN.FLUSH
W/CLEAN WATER FOR @LEAST 15MINS.GET MED ATTN.SKIN:REMOVE CONTAMIN
C

LOTH.CLEAN WELL BY WASHING W/MILD SOAP/WATER.IRRIT/RED OCCUR GET
MED ATTN. INHAL:MOVE TO FRESHAIR.SUMPT PERSIST GETIMMED MED
ATTN.NOT BREATH ADMIN ART RESP;BREATH DIFFI AMDIN BY QUAL PERSON
OXY.GET MED ATTN IMMED.INGEST:GET EMERG MED ATTN.SLIGHTLY
TOXIC/ASPIRATION HAZ.(SUP)

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:=27.2C, 81.F

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1

Upper Limits:7

Extinguishing Me

dia:FOAM,CO2,DRY CHEM.SM FIRE:EXTINGUISH W/DRY
CHEM,CARBON DIOXIDE,FOAM.LG FIRE:USE DRY CHEM,FOAM.WATER MAY BE
INEFFECTIVE.

Fire Fighting Procedures:USE OF SCBA RECOMMENDED FOR
FIREFIGHTER.WATERSPRAY MAY BE USEFUL TO MIN VAP/COOLING CNTNR BUT
USE CAUTION TO PREVENT SPREADING OF BURNING LIQ BY COOLING OF WATR
Unusual Fire/Explosion Hazard:MATL IS FLAMMABLE & MAY BE IGNITED BY
HEAT,SPARKS/FLAME OR STATIC ELECTRICITY.

===== Accidental Release Measures =====
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Spill Release Procedures:STAY UPWIND/AWAY FRM SPILL.KEEP ALL IGN
SOURCES/HOT METAL SURFACES AWAY.SPILL INDOORS VENTI AREA.FOAM
EXPECIALLY HIGH EXPANSION FOAM MAY BE USED TO SUPPRESS VAP.KEEP OUT
OF DRAINS/SEWERS/WATERWAYS.USE SAND/OTHER INERT MATL TO
DAM/CONTAIN.DON'T (SUPP)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLSD,COOL,DRY,AWAY
FR
M IGN SOURCES.USE/STORE W/ADEQU VENTI.AVOID INHAL VAP/CONTACT
W/MATL.

Other Precautions:EMPTY CNTNR RETAIN RESIDUE/DANGEROUS.DON'T
PRESSURIZE/CUT/WELD/BRAZE/SOLDER/DRILL/FRIND/EXPO EMPTY CNTNR TO
HEAT/FLAME/SPARKS/OTHER IGN SOURCES;MAY EXPLO/CAUSE
INJURY/DEATH.BEF WORK ON/IN TK CONTAININ G/HAVE CONTAIN PROD
REF:OSHA (SUPPLEM)

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

Respiratory Protection:USE OF RESP PROTECTION IS ADVISED WHEN CONC
EXCEED ESTA
BLISHED EXPO LIMITS.DEPENDING ON AIRBORNE CONC USE RESP
OR GAS MASK W/APPROPRIATE CARTRIDGES & CANNISTERS(NIOSH APPROVED IF
AVAILABLE)OR SUPPLIED AIR EQPMT.

Ventilation:IF CURRENT VENIT PRACT NOT ADEQUATE TO MAINTAIN AIRBORNE
CONC BEL ESTABLISHED EXPO LIMIST ADDN VENTI/EXHAU SYS (SUPP)

Protective Gloves:PLASTIC OR HYDROCARBON INSOLUBLE RUBBER

Eye Protection:CHEM GOGGLES OR FACE SPLASH SHIELD.

Other Protective Equipment:EYEWASH FOUNTAIN.NEOPRENE APRON.

Work Hygienic Practices:USE GOO

D PERSONAL HYGIENE PRACTICE.

Supplemental Safety and Health

SPILL:FLUSH AREA W/H2O;USE ABSORBENT PADS.NOTIFY APPROPR AGENCIES.

OTHER PRECAUT:REG &/OR ANSI Z49.1 LEAN/REPAIR/WELD/OTHER

CONTEMPLATED OPERATIONS.VENTI:REQUIRED.WHERE EXPLO MIXTURES MAY BE

PRESENT S YS SAFE FOR SUCH LOCATIONS SHOULD BE USED.NO SMOKE/OPN

LIGHTS. 1STAID:INDUCE VOMIT W/SYRUP OF IPECAC/FINGER IN MOUTH.

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

HCC:F3

Boiling Pt:=135.C, 275.F

Va

por Pres:NP

Vapor Density:3.7

Spec Gravity:0.869

pH:NP

Viscosity:NP

Evaporation Rate & Reference:0.80, REF:ETHER

Solubility in Water:2%, MODERATE.

Appearance and Odor:CLEAR AMBER COLOR, AROMATIC HYDROCARBON 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, SELECTED AMINES.

Stability Condition to Avoid:HIGH TEMPERATURE STORAGE.

Hazar

dous Decomposition Products:THERM DECOMPOSITION MAY YIELD CARBON
MONOXIDE &/OR CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IAW LOCAL, STATE AND FEDERAL
AGENCIES.EMPTY DR SHOULD BE COMPLETELY DRAINED/PROPERLY
BUNGED/PROMPTLY SHIPPED TO DR RECONDITIONER.ALL CNTNR SHOULD BE
DISPO OF IN ENVIRO SAFE MANNER/IAW GOVT REGS.

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