

ASHLAND CHEMICAL COMPANY -- CALIBRATING FLUID MIL-PRF-7024E TYPE II -- 6850-00-264-5771
===== Product Identification =====

Product ID:CALIBRATING FLUID MIL-PRF-7024E TYPE II

MSDS Date:01/26/1998

FSC:6850

NIIN:00-264-5771

MSDS Number: CBRYC

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL COMPANY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Info Phone Num:614-790-3333/800-325-3

751

Emergency Phone Num:800-274-5236 OR 800-ASHLAND

CAGE:34897

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL

Address:2802 PATTERSON ST

Box:City:GREENSBORO

State:NC

ZIP:27407

Country:US

Phone:800-274-5263/ASHLAND

CAGE:4T100

Company Name:ASHLAND CHEMICAL CO

Address:Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Phone:614-790-3333/800-274-5263

CAGE:34897

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country

:US
Phone:614-889-4505
CAGE:5A188
Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND INC
Address:2410 PATTERSON AVE SW
Box:1909
City:ROANOKE
State:VA
ZIP:24008
Country:US
CAGE:6N490

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Composition/Information on Ingredients
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Ingred Name:ALIPHATIC HYDROCARBON (STODDARD TYPE)
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 100.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9596

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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:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:EXPO MAY CAUSE MILD IRRIT.
SKIN:EXPO MAY CASUE MILD IRRIT.PROL/REP EXPO MAY DRY SKIN.
INGEST:SINGE DOSE ORAL TOXICITY LOW.INGEST SMALL AMTS DURING NORMAL
HDN LG NOT LIEKLY TO CAUSE HARMFUYL EFFECTS ;LG AMTS MAY BE
HARMFUL.MATL CAN ENTER LUNGS DURING INGEST/ VOMIT-CAUSE LUNG
INFLAMM &
/OR DMG. INHAL:VAP/MIST EXPO (SUPP
Explanation of Carcinogenicity:PER MSDS:CANCER INFO:NO DATA.
Effects of Overexposure:GASTROINTESTINAL IRRIT(NAU,VOMIT,DIARR),
IRRIT(NOSE,THROAT,RESP TRACT),CENTRAL NERVOUS SYSTEM
DEPRESSEION(DIZZ, DROWS,WEAK,FTG,NAU,HEAD,UNCONSC),DEATH.
EYE:STING,TEAR,RED.SKIN:RED, BURNING,DRYING,CRAC KING,SKIN BURNS.
Medical Cond Aggravated by Exposure:TARGET ORGAN:NO DATA.

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First Aid Measures
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First Aid:EYE:SYMPT D

DEVELOP MOVE AWAY FROM EXPO INTO FRESH AIR.FLUSH
GENTLY W/WATER OPN EYELIDS.SYMPT PERSIST/VISUAL DIFFI SEEK MED
ATTN.SKIN:REMOVE CONTAMIN CLOTH.WASH W/SOAP/WATER.SYMPT PERSIST
SEEK MED ATTN. INGEST:DO NOT INDUCE VOMIT;MATL ASPIRATION HAZ.IF
DROWSY/UNCONSC PLACE ON LEFT SIDE W/HEAD DOWN.SEEK MED ATTN.IF
POSSIBLE DO NOT LEAVE ALONE.INHAL:SYMPT DEVELOP IMMED MOVE TO FRESH
AIR.SEEK MED (SUPP)

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

Flash Point:10
5F,41C
Autoignition Temp:Autoignition Temp Text:575F
Lower Limits:1.0
Upper Limits:6.0
Extinguishing Media:REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:WEAR SCBA W/FULL FACE PIECE OPERATED IN
POSITIVE-PRESSURE DEMAND MODE W/APPROP TURNOUT GEAR,CHEM RESIST
PPE.REFER TO PPE SEC OF MSDS.
Unusual Fire/Explosion Hazard:VAP HEAVIER THAN AIR;MAY TRAVEL ALONG
GROUND/MOVE BY VENTI & IGN BY HEAT/PILOT LIGHTS/OTHER IGN SOURCES
@LOCATION DISTANT FRM HNDLG PT.NEVER USE
WELD/CUT(SUPPM)

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

Spill Release Procedures:ABSORB LIQ W/VERMI/FLOOR ABSORB/OTHER ABSORB
MATL.TRANSF TO HOOD.ELIMINATE ALL IGN SOURCES.REMOVE PEOPLE W/O
PPE.STOP @SOURCE.PREVENT ENTERING DRAIN/SEWERS/STREAMS/OTHER BOD OF
WATER/SPREADING; IF OCC URS NOTIFY AUTHORITIES.PUMP/VAC TO
CLEAN CNTNR(SUP
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:EMPTY CNTNR MAY BE HAZ-RETAIN PROD
RESIDUE; OBSERVE ALL HAZ PRECAUT.5GAL PAILS/LARGER METAL
CNTNR(TKCARS,TK TRUCKS) GROUND/BOND WHEN TRANSF MATL.
Other Precautions:SUDDEN RELEASE OF HOT ORG CHEM VAP/MIST FROM PROCESS
EQPMT OEPRATING @ELEV TEMP/PRESSURE/SUDDEN INGRESS OF AIR INTO VAC
EQPMT MAY RESULT IN IGN W/O SOURCES.AUTOIGN/IGN TEMP VAL CAN'T BE
TREATED AS SAFE OPERATING TEMP W/O ACTUAL PROCESS ANAL

===== Exposure Controls/Personnel =====

I Protection =====

Respiratory Protection:IF WORKAREA PROD/INGRED EXPLO LIMIT EXCEEDED
NIOSH/MSHA APPROVED AIR SUPPLIED RESP ADVISED IN ABSENCE OF PROPER
ENVIRO CONTROL.OSHA REGS ALSO PERMIT OTHER NIOSH/MSHA RESP(NEG
PRESS TYP)UNDER SPEC COND ITIONS.IMPLEMENT ENGINEER/ADMIN CNTRLS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RESISTANT GLOVES.

Eye Protection:CHEM SPLASH GOGG PER OSHA
REGS.

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING,BOOTS.CONSULT SAF
EQPMT SUPPLIER FOR TYPES OF GOGG,GLOVES.

Work Hygienic Practices:LAUNDER CONTAMIN CLOTH BEF REUSE.

Supplemental Safety and Health

FIRE/EXPLO HAZ:TORCH ON/NEAR DR(EVEN EMPTY)- PROD(RESIDUE)IGN EXPLO.

HEALTH HAZ:SHORT-TERM INHAL TOXICITY LOW.BREATH SM AMTS DURING
NORMAL HNDLG NOT LIKELY TO CAUSE HARMFUL EFFECTS;BREATH LG AMTS MAY
BE HARMFUL. 1ST AID:ATTN.KEEP WARM/QUIET.NOT BREATH START ART RESP;
BREAT

H DIFFI ADMIN OXY. SPILL:ABSORB UNRECOVERABLE MA

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

HCC:F4

Boiling Pt:B.P. Text:315F,157C

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

Decomp Temp:Decomp Text:NP

Vapor Pres:3.00 @68F

Vapor Density:4.700

Spec Gravity:0.770 @60F

pH:NA

Evaporation Rate & Reference:0.20 (N-BUTYL ACETATE=1)

Solubility in Water:NP

Appearance and Odor:LIQUID, HOMOGENEOUS SOLUTION, COLORLESS, ODOR-NO
DATA.

Percent Volatiles by Volume:100

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT W/STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER. HMIS: ALL
IGNITION SOURCES.

Hazardous Decomposition Products: VARIOUS HYDROCARBONS, CARBON MONOXIDE
AND CARBON DIOXIDE.

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

Waste Disposal Methods: DISPOSE OF IAW ALL APPLICABLE LOCAL/STATE/FED
REGS. SARA 313 COMPONENTS/40CFR372: NONE.

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