

CARROLL LTD., INC. -- DUPLICATING FLUID -- 7510-00-272-9802

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Product Identification
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Product ID:DUPLICATING FLUID

MSDS Date:07/01/1997

FSC:7510

NIIN:00-272-9802

Status Code:A

MSDS Number: CKZYW

=== Responsible Party ===

Company Name:CARROLL LTD., INC.

Address:2069 E. SILVER STREET

City:PHILADELPHIA

State:PA

ZIP:19134

Country:US

Info Phone Num:215-739-7613

Emergency Phone Num:000000000

C

AGE:LO749

=== Contractor Identification ===

Company Name:CARROLL LTD., INC.

Address:2069 E. SILVER STREET

City:PHILADELPHIA

State:PA

ZIP:19134

Country:US

Phone:215-739-7613

CAGE:LO749

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Composition/Information on Ingredients
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Ingred Name:ETHYL ALCOHOL

CAS:64-17-5

RTECS #:KQ6300000

= Wt:85.

ACGIH TLV:1000 PPM

Ingred Name:METHYL ALCOHOL

CAS:67-56-1

RTECS #:PC1400000

= Wt:5.

ACGIH TLV:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYLENE GLYCOL MONOET

HYL ETHER
CAS:110-80-5
RTECS #:KK8050000
= Wt:5.
ACGIH TLV:50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====

Health Hazards Acute and Chronic:VAPOR MAY BE IRRITATING TO THE EYES,
NOSE AND THROAT AND IN HIGH CONCENTRATION PRODUCE NARCOTIC EFFECTS.
INGESTION MAY CAUSE BLINDNESS OR DEATH (CONTAINS METHANOL). LIQUID
MAY CAUSE EYE IRRITATION AND SKIGHT SKIN IRRITATION.

Medical Cond Aggravated by Exposure:

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT
LEAST 15 MINITUES. SKIN CONTACT" IMMEDIATELY FLUSH WITH PLENTY OF
WATER FOR AT LEAST 15 MINITUES. INHALATION: REMOVE FROM EXPOSURE,
TREAT SYM PTOMATICALLY. INGESTION: INDUCE VOMITING IMMEDIATELY BY
GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. OBTAIN
MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:TCC
Flash Point:=13.9C, 57.F
57 F 14 C
Lower Limits:3.3
Upper Limits:19
Extinguishing Media:ALCOHOL FOAM, DRY CHEMICAL, WATER SPRAY, CO2
Fire Fighting Procedures:WEAR SCBA AND PROTECETIVE CLOTHING. ALCOHOL
FOAM IS PREFERRED FIREFIGHTING METHOD. WATER MAY BE INEFFECTIVE FOR
FIREFIGHTING, BUT IT SHOULD BE USED TO KEEP FIRE EXPOSED CONTAINERS
COOL.

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

Spill Release Procedures:ELIMINATE

ALL IGNITION SOURCES. FLUSH SPILL

AWAY WITH WATER SPRAY. PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS AND STREAMS. SMALL SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS.

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

Handling and Storage Precautions:KEEP FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, PROLONGED OR REPEATED CONTACT WITH SKIN, BREATHING OF VAPOR. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED IN HANDLING THE EMPTY PACKAGE AND RESIDUE. WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:APPROPRIATE NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPOR SHOULD BE WORN IF NEEDED.

Ventilation:LOCAL EXHAUST IF NEEDED. MECHANICAL RECOMMENDED.

Protective Gloves:SHOULD BE WORN

Eye Protection:SAFETY GLASSES SHOULD BE WORN.

Other Protective

Equipment:SAFETY SHOWER AND EYE BATH.

Supplemental Safety and Health

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

Boiling Pt:=77.8C, 172.F

B.P. Text:172

Vapor Pressure:50 @ 22 C

Vapor Density:1.6

Spec Gravity:0.814

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID, ALCOHOL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS MAY CAUSE

AUSE A VIGOROUS REACTION.

Hazardous Decomposition Products:COMBUSTION WILL PRODUCE CARBON DIOXIDE AND PROBABLY CARBON MONOXIDE.

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

Waste Disposal Methods:MIX WITH A COMPATIBLE CHEMICAL WHICH IS LESS COMBUSTABLE AND INCINERATE. OBSERVE ALL FEDERAL, STATE AND LOCAL LAWS CONCERNING HEALTH AND ENVIRONMENT.

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