

CONTINENTAL CHEMICAL CORP -- DUPLICATING FLUID, DIRECT PROCESS, TYPE I --
7510-00-272-9802

===== Product Identification =====

Product ID:DUPLICATING FLUID, DIRECT PROCESS, TYPE I

MSDS Date:11/09/1992

FSC:7510

NIIN:00-272-9802

MSDS Number: BPHKG

=== Responsible Party ===

Company Name:CONTINENTAL CHEMICAL CORP

Address:1330 BEECH STREET

Box:994

City:TERRE HAUTE

State:IN

ZIP:47808

Country:US

Info Pho

ne Num:812-235-8035

Emergency Phone Num:812-235-8035

Preparer's Name:DGSC-SSH

CAGE:23894

=== Contractor Identification ===

Company Name:CONTINENTAL CHEM CORP

Address:1330 BEECH STREET

Box:City:TERRE HAUTE

State:IN

Country:US

CAGE:23894

===== Composition/Information on Ingredients =====

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 0-60% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

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PA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 35-95% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATING TO MUCOUS MEMBRANES AND
EYES. NARCOTIC IN HIGH CONCENTRATIONS. T
OXIC IF SWALLOWED.
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:MUCOUS MEMBRANE IRRITATION, EYE IRRITATION,
CENTRAL NERVOUS SYSTEM DISTURBNCES, GASTROINTESTINAL DISTURBANCES.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GET PROMPT MEDICAL
ATTENTION. EYES: FLUSH WITH LARG
E AMOUNTS OF WATER FOR 15 MINUTES
WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY.
SKIN: WASH WITH SOA P AND WATER. REMOVE CONTAMINATED CLOTHING.
INGESTED: IF VICTIM IS CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK
AND INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. GET
PROMPT MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:55.0F,12.8C
Lower Limits:6 %
Upper Limits:36 %
Extinguishin

g Media:ALCOHOL FOAM, WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING. FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedure

s:KEEP FLAMES & SPARKS AWAY. FLUSH WITH WATER.

USE MASK SUPPLIED WITH FRESH AIR TO ENTER AREAS OF HIGH VAPOR CONCENTRATION.

Neutralizing Agent:NONE KNOWN

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT & FLAMES. DO NOT STORE IN DIRECT SUNLIGHT. KEEP CONTAINERS CLOSED.

Other Precautions:USE EXPLOSION PROOF ELECTRICAL EQUIPMENT & NONSPARKING TOOLS. ELECTRICALLY BOND AND GROUND EQUIPMENT.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST-AT FLOOR LEVEL

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GLASSES

Other Protective Equipment:EMERGENCY EYEWASH STATION AND SAFETY SHOWER

Work Hygienic Practices:WASH WITH SOAP AND WATER

AFTER HANDLING PRODUCT

AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

MSDS PREPARED BY DGSC-SSH BASED ON SPECIFICATION. CONTINENTAL CHEMICAL CORPORATION NO LONGER IN BUSINESS.

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

HCC:F2

Boiling Pt:B.P. Text:150F,66C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:50

Vapor Density:1.6

Spec Gravity:0.81

Evaporation Rate & Reference:4 (BUTYL ACETATE=1)

Solubility in Water:MISCIBLE

Appearance and

Odor:COLORLESS LIQUID,ALCOHOLIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALUMINUM

Stability Condition to Avoid:AVOID SPARKS OR OPEN FLAMES

Hazardous Decomposition Products:ALDEHYDES, CARBON OXIDES

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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