

CONOCO INC -- CONOSOL C-200 -- 6850-01-331-3349

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

Product ID:CONOSOL C-200

MSDS Date:09/05/1993

FSC:6850

NIIN:01-331-3349

MSDS Number: CGLGM

=== Responsible Party ===

Company Name:CONOCO INC

Address:600 N DAIRY ASHFORD RD RM 3012

Box:4784

City:HOUSTON

State:TX

ZIP:77210-4784

Country:US

Info Phone Num:713-293-5550/-1000

Emergency Phone Num:800-441-3637/800-424-9300

(CHEMTREC)

CAGE:15445

=== Contractor Identification ===

Company Name:CONOCO INC

Address:600 N DAIRY ASHFORD RD RM 3012

Box:4784

City:HOUSTON

State:TX

ZIP:77210-4784

Country:US

Phone:800-441-3637/800-424-9300(CHEMTREC)

CAGE:15445

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

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

Ingred Name:CYCLOPARAFFINI,ISOPARAFFINIC,NORAML PARAFFINIC HYDRO

CARBONS

(HYDROTREATED DISTILLATE,LIGHT)

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

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

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:MAY CAUSE IRRIT TO EYE/LUNGS/SKIN AFT  
PROL/ REP EXPO.EXTREME OVEREXPO/ASPIRATION INTO LUNGS MAY CAUSE

LUNG DMG OR DEATH.OVEREXPO MAY CAUSE

WEAKNESS,HEAD,NAU,CONFUSION,SLURRED VISION, DROWSINESS,OTHER NERV  
SYS EFFECTS;GREATER OVEREXPO MAY CAUSE DIZZ,SLURRED SPEECH,FLUSHED  
FACE,UNCONSC,CONVULSIONS.

Explanation of Carcinogenicity:PER MSDS:NONE OF COMPO PRESENT IN MATL  
@CONC EQUAL TO/GREATER THAN 0.1% LISTED BY IARC/NTP/OSHA/ACGIH AS  
CARCINOGEN.

Effects of Overexposure:IRRIT EYE/LUNGS/SKIN. LUNG DMG,DEATH.

WEAKNESS,HEADACHE,NAUSEA,CONFUSION,SLURRED VISION,DROWINESS,OTHE

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NERVOUS SYSTEM EFFECTS,FLUSHED FACE,UNCONSC,CONVULSIONS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.DIFFI  
BREATH GIVE OXY.CALL PHYSICIAN.SKIN:WASH THOROUGHLY W/SOAP/ WATER  
AFT HNDLG.IRRIT DEVLPS/PERSIST CONSULT PHYSICIAN.EYE:IMMED FLUSH W/  
PLENTY OF WATER FOR @LEAST 15MINS.CALL PHYSICIAN.INGEST:DONT  
INDUCE VOMIT. IMMED

GIVE 2 GALSSSES OF WATER.NEVER GIVE ANYTHING BY  
MOUTH IF UNCONSC.CALL PHYSICIAN.NOTE TO DR:ACTIVATED CHARCOAL  
MIXTURE MAY BE(SUPP

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

Flash Point Method:PMCC

Flash Point:200F,93C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:NFPA CLASSIFICATION:CLASS IIIB COMBUSTIBLE LIQ.  
WATER SPRAY,FOAM, DRY CHEMICAL,CO2.

Fire Fighting Procedures:WATER/FOAM MAY CAUSE FROTHING.USE H

20 TO KEEP

FIRE-EXPO CNTNR COOL.H2OSPARY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES.

Unusual Fire/Explosion Hazard:PRODUCTS OF COMBUST MAY CONTAIN CARBON MONOXIDE,CARBON DIOXIDE,OTHER TOXIC MATLS.DONT ENTER ENCLSD/CONFINED SPACE W/O PROPER PROTEDTIVE EQPMT INCLUDE RESP PROT

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

Spill Release Procedures:REVIEW FIREFIGHT MEASURES/HNDLG SECS BEF PROCEEDING W/CLEANUP.USE APPROP PPE DURING CLEANUP.REMOVE HE AT/SPARK/FLAME/ IMPACT/FRICTION/ELECTR SOURCES.DIKE.PREVENT MATL FRM ENTER SEWERS/H2OWAYS/ LOW AREA S.RECOVER FREE LIQ-REUSE/RECLAMAT.SOAK UP W/(SUPPL Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPARKS/FLAMES.CLOSE CNTNR AFT EACH USE.STORE IAW NFPA RECOMMENDATIONS.KEEP CNTNR TIGHTLY CLSD. STORE IN WELL VENTI PLACE. Other Precautions:STORE AWAY FROM OXI DIZERS,HEAT,SPARKS,FLAMES.

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

Respiratory Protection:SELECT APPROP NIOSH APPROV RESP PROTECTION FOR ORGANIC VAPORS WHERE NECESSARY TO MAINTAIN EXPO BELOW EXPO LIMITS GIVE BELOW.

Ventilation:GENERAL MECHANICAL VENTILATION NORMALLY ADEQUATE.

Protective Gloves:NBR OR NEOPRENE RECOMMENDED.

Eye Protection:CHEM SPALSH GOGG,FACE SHIELD FOR SPLASH

Other Protective Equipment:SUFFICIENT PROT CLOTHING TO MINIMIZE SKIN EXPO.COVER

ALLS W/LONG SLEEVES IF SPLASHING IS PROBABLE.

Work Hygienic Practices:WASH THOROUGHLY AFT HNDLG.WASH CLOTHING AFT USE.

Supplemental Safety and Health

1STAID:ADMIN.TO PREPARE MIX SUSPEND 50G ACTIVATED CHARCOAL IN 400ML H2O,MIX WELL.ADMIN 5ML/KG OR 350ML FOR AVG ADULT.

SPILL:SAWDUST,SAND,OIL DRY,OTHER ABSORBENT MATL. DISPO:COULD BECOME HAZ WASTE IF M IX W/OR COMES IN CONTACT W/LISTED HAZ WASTE.IF SO REGS 40CFR262-266 & 268 MAY APPLY.CWA:PETROLEUM HYDROCARBONS-FILM/SHEE

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

HCC:N1

Boiling Pt:B.P. Text:440F,227C

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

Decomp Temp:Decomp Text:NP

Vapor Pres:0.4 @100F

Vapor Density:6.2

Spec Gravity:0.82-0.83

pH:NP

Viscosity:NP

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR LIQUID, COLORLESS

Percent Volatiles by Volume:NIL

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE W/OXID

IZNG MATLS.AVOID EXCESSIVE HEAT/ SPARKS/FLAME.

Stability Condition to Avoid:AVOID EXCESSIVE HEAT,SPARKS,FLAME.

Hazardous Decomposition Products:COMBUSTION PRODUCTS INCLUDE CARBON DIOXIDE AND POSSIBLY CARBON MONOXIDE.

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

Waste Disposal Methods:TREATMENT/STORAGE/TRANSPO/DISPOSAL MUST BE IAW APPLICABLELOCAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS.RECOVER NONUSABLE FREE LIQ & DISPO OF IN APPROV/PERMITTED INCINERATOR

.CERCAL:NA.RCRA:MATL WHEN DISCARDED/DISPO NOT SPEC LIST AS HAZ WASTE.(SUPPL)

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