

CONOCO INC -- CONOSOL C-200 -- 9150-00-261-7899

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

Product ID:CONOSOL C-200

MSDS Date:06/01/1993

FSC:9150

NIIN:00-261-7899

MSDS Number: BZJDV

=== Responsible Party ===

Company Name:CONOCO INC

Box:2197

City:HOUSTON

State:TX

ZIP:77252

Country:US

Info Phone Num:713-293-5550

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

Preparer's Name:SAFETY,HEALTH,ENV AFFAIRS

CAGE:5R396

=== Contractor Identification ===

Company Name:CONOCO INC

Address

:5 GREENWAY PLAZA E

Box:2197

City:HOUSTON

State:TX

ZIP:77252

Country:US

Phone:713-293-5550PRODUCT/ 800-4413637MED

CAGE:5R396

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:PETROLEUM HYDROCARBON (CYCLOPARAFFINIC, ISOPARAFFINIC &  
NORMAL PARAFFINIC HYDROCARBONS)

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 100%

Other REC

Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EXPOSURE MAY CAUSE EYE, SKIN &  
RESPIRATORY TRACT IRRITATION. EXTREME OVEREXPOSURE MAY CAUSE CNS  
EFFECTS. CHRONIC: NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NO INGREDIENT O  
F A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:EYES-IRRITATION, SKIN-IRRITATION.  
INHALED-WEAKNESS, NAUSEA, CONFUSION, BLURRED VISION, DROWSINESS,  
DIZZINESS, SLURRED SPEECH, FLUSHED FACE, UNCONSCIOUSNESS,  
CONVULSIONS. INGESTED-NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN ALL CASE  
S GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR  
15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP &  
WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL  
RE SPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING! IF  
CONSCIOUS, GIVE 2 GLASSES WATER. NOTE TO DOCTOR: ACTIVATED CHARCOAL  
MIXTURE MAY BE ADMINISTERED; 50 GM CHARCOAL/400 ML WATER. GIVE 5  
ML/KG.

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

Flash Point Method  
:PMCC  
Flash Point:200F,93C  
Lower Limits:1  
Upper Limits:6  
Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
WATER OR FOAM MAY CAUSE FROTHING.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.  
Unusual Fire/Explosion Hazard:PRODUCTS OF COMBUSTION MAY CONTAIN CARBON  
MONOXIDE AND CARBON DIOXIDE AND/OR OTHER TOXIC MATERIALS. DO ENTER  
CONFINED AREAS W/O SCBA AND FULL PROTECTIVE GEAR.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. USE APPROPRIATE PERSONAL PROTECTIVE GEAR.CONTAIN SPILL. RECOVER FREE LIQUID FOR REUSE OR RECLAMATION. SOAK UP WITH SAWDUST, SAND, OIL DRY OR OTHER ABSORBENT MATERIAL. KEEP OUT OF WATERWAYS/SEWERS/LOW AREAS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precaution

s:STORE IN A COOL, DRY PLACE IAW NFPA

RECOMMENDATION. KEEP CONTAINER TIGHTLY CLOSED. STORE IN A WELL-VENTILATED AREA. KEEP AWAY FROM SOURCES OF IGNITION

Other Precautions:STORE AWAY FROM STRONG OXIDIZING AGENTS AND SOURCES OF IGNITION.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-S UPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NBR OR NEOPRENE.

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:SUFFICIENT CLOTHING TO MINIMIZE SKIN EXPOSURE. COVERALLS WITH LONG SLEEVES IF SPLASHING PROBABLE.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS PRESENTED BY CAGE 0A9L8 FOR CONTRACT NUMBER SP0451-96-Q-U655.

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

HCC:V6

Boiling Pt:B.P. Text:430F,221C

Vapor Pres:0.4MM@100F

Vapor Density:6.2

Spec Gravity:0.82-0.83

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID.

Percent Volatiles by Volume:NIL

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

Stability Indicator/

Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

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

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. RECOVER NONUSABLE FREE LIQUID AND DISPOSE OF IN APPROVED AND PERMITTED INCINERATOR.

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