

CONOCO INC -- CONOSOL C-200 -- 6850-01-377-1808

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

Product ID:CONOSOL C-200

MSDS Date:05/14/1997

FSC:6850

NIIN:01-377-1808

MSDS Number: BXRDF

=== Responsible Party ===

Company Name:CONOCO INC

Box:2197

City:HOUSTON

State:TX

ZIP:77252

Country:US

Info Phone Num:713-293-5550/281-293-5550

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

CAGE:5R396

=== 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: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

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Composition/Information on Ingredients =====

Ingred Name:PETROLEUM HYDROCARBON/CYCLOPARAFFINIC, ISOPARAFFINIC &  
NORMAL PARAFFINIC HYDROCARBONS

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

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

LD50 LC50 Mixture:TLV FOR OIL MIST IS 5 MG/M3.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicit

y:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,  
RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYES, SKIN, LUNGS  
IRRITATION. EXTREME OVEREXPOSURE OR ASPIRATION INTO THE LUNGS MAY  
CAUSE LUNG DAMAGE OR DEATH. MAY CAUSE CNS EF FECTS. ORAL:HARMFUL IF  
INGESTED. ASPIRATION HAZARD. CNS EFFECTS. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DROWSINESS, DIZZINESS, NAUSEA,  
VOMITING, HEADACHE, REDNESS, TEA

RING, BLURRED VISION, DEFATTING,  
DERMATITIS, FATIGUE, CONVULSION, COMA, DEATH

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING  
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE  
INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH  
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15  
MINUT

ES. HOLD EYELIDS OPEN. CALL DOCTOR. SKIN:WASH WITH SOAP &  
WATER. ORAL :DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 2 GLASSES  
OF WATER. GET MEDICAL ATTENTION IMMEDIATELY. IF VOMITING, KEEP HEAD  
BELOW HIPS. NEVER GIVE ANYTIHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC

Flash Point:200F,93C

Lower Limits:1.0%

Upper Limits:6.0%

Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL/CARBON DIOXIDE.  
PRO

DUCT MAY FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:MAY FORM TOXIC MATERIALS.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH OR VERMICULITE. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAY S.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS & STRONG OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. FOLLOW ALL LABEL INSTRUCTIONS. AVOID REPEATED OR PROLONGED SKIN CONTACT. DO NOT GET IN EYES. DO NOT BREATHE VA POR OR MIST. DO NOT INGEST.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC V APORS (REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective

Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.

Work Hygienic Practices:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

NOTE TO PHYSICIAN:ACTIVATED CHARCOAL SLURRY MAY BE ADMINISTERED. TO PREPARE ACTIVATED

CHARCOAL, SUSPEND 50 GRAMS ACTIVATED CHARCOAL IN  
400 ML WATER AND MIX THOROUGHLY. ADMINSTER 5 ML/KG OR 350 ML FOR  
AN AVERAGE ADULT.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:440F - 550F

Vapor Pres: