

CONOCO INC -- PARAFFINIC/NAPHTHENIC SOLVENT, CONOSOL C-200 -- 6850-01-377-1809

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

Product ID: PARAFFINIC/NAPHTHENIC SOLVENT, CONOSOL C-200

MSDS Date: 09/05/1993

FSC: 6850

NIIN: 01-377-1809

MSDS Number: BVBSV

=== 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: 800-441-3637/80

0-424-9300(CHEMTREC)

CAGE: 5R396

=== Contractor Identification ===

Company Name: CONOCO INC

Address: 5 GREENWAY PLAZA E

Box: 2197

City: HOUSTON

State: TX

ZIP: 77252

Country: US

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

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: CYCLOPARAFFINIC, ISOPARAFFINIC & NORMAL PARAFFINIC  
HYDR

OCARBONS

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)

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

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

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

Reports of Carcinogenicity: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 EFFECTS. ORAL:HARMFUL IF  
INGESTED. ASPIRATION HAZARD. CNS EFFECTS. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

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

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===== 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  
MINUTES. HOLD EYELIDS OPEN. CALL DOCTOR. SKIN:WASH WITH SOAP &  
WATER. ORAL :DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 2 GLASSES  
OF WATER. GET M

EDICAL ATTENTION IMMEDIATELY. IF VOMITING, KEEP HEAD  
BELOW HIPS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC

Flash Point:200F,93C

Lower Limits:1.0%

Upper Limits:6.0%

Extinguishing Media:WATER FOG/SPRAY, CARBON DIOXIDE, FOAM/DRY CHEMICAL.  
DIRECTLY SPRAYING WATER/FOAM ONTO BURNING OIL MAY CAUSE FROTHING.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA  
WITHOUT P

ROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS. COOL CONTAINER WITH WATER.  
Unusual Fire/Explosion Hazard:MAY FORM TOXIC MATERIALS.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES  
OF IGNITION. VENTILATE AREA. RECOVER IF POSSIBLE. PICK UP SPILL  
WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/PUMP (EXPLOSION  
PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM  
ENTERING SEWERS.  
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA  
AWAY FROM HEAT, SPARKS & 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 VAPOR 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 VAPORS (REFER TO 29 CFR 1910.134).  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE USED. VENTILATION RATES  
SHOULD BE MATCHED TO CONDITIONS.  
Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE  
Eye Protection  
:CHEMICAL SPLASH GOGGLES IF SPLASHING  
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:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR  
DRINKING.  
Supplemental Safety and Health  
FORMULA CHANGED, SEE PNI A, SAME NSN. NOTE TO PHYSICIAN:ACTIVATED  
CHARCOAL SLURRY MAY BE ADMINISTERED. TO PREPARE ACTIVAT

ED CHARCOAL,

SUSPEND 50 GRAMS ACTIVATED CHARCOAL IN 400 ML WATER AND MIX THOROUGHLY. ADMINISTER 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:0.4 @ 100F

Vapor Density:6.2

Spec Gravity:0.82 - 0.83

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID, NIL ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT, SPARKS, FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED.

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

Waste Disposal Methods:INCINERATE ABSORBED MATERIAL IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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