

CONOCO INC -- "CONOSOL" C-145 -- 6850-00-110-4498

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

Product ID:"CONOSOL" C-145
MSDS Date:06/10/1994
FSC:6850
NIIN:00-110-4498
Status Code:A
MSDS Number: CKXXM
=== Responsible Party ===
Company Name:CONOCO INC
Box:2197
City:HOUSTON
State:TX
ZIP:77252
Country:US
Info Phone Num:713-293-5550PRODUCT/ 800-4413637MED
Emergency Phone Num:800-424-9300
Resp. Party Other MSD
S Num.:CSP10145
Chemtrec Ind/Phone:(800)424-9300
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
Contract Num:SP0450-01-M-D486
CAGE:5R396
Company Name:TELECHEM INTERNATIONAL, INC
Address:524 E WEDDELL DRIVE SUITE 3
Box:City:SUNNYVALE
State:CA
ZIP:94089-2115
Country:US
Phone:916-941-3688
CAGE:1KH20

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

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Ingred Name:CYCLOPARAFFINIC, ISOPARAFFINIC, AND NORMAL PARAFFINIC
HYDROCARBONS

CAS:64742-47-8

RTECS #:OA5504000

> Wt:99.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:THIS PRODUCT MAY CAUSE IRRITATION TO
THE EYES, LUNGS, OR SKIN AFTER PROLONGED OR REPEATED EXPOSURE.
EXTREME OVEREXPOSURE OR ASPIRATION INTO THE LUNGS MAY CAUSE LUNG
DAMAGE OR DEATH.

Explanati

on of Carcinogenicity:NONE OF THE COMPONENTS PRESENT IN THIS
MATERIAL AT CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE LISTED
BY IARC, NTP, OSHA OR ACGIH AS A CARCINOGEN.

Effects of Overexposure:OVEREXPOSURE MAY CAUSE WEAKNESS, HEADACHE,
NAUSEA, CONFUSION, BLURRED VISION, DROWSINESS, AND OTHER NERVOUS
SYSTEM EFFECTS; GREATER OVEREXPOSURE MAY CAUSE DIZZINESS, SLURRED
SPEECH, FLUSHED FACE, UNCO NSCIOUSNESS, AND CONVULSIONS.

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

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First Aid:INHLATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING,
GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE
OXYGEN. CALL A PHYSICIAN. SKIN: WASH SKIN THOROUGHLY WITH SOAP AND
WATER. IF IRRITATION DEVELOPS AND PERSISTS, CONSULT A PHYSICIAN.
EYE: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF
WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. INGESTION: IF
SWALLOWED DO NOT IN DUCE VOMITING. IMMEDIATELY GIVE TWO GLASSES
OF
WATER. NEVER GIVE ANYTING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A
PHYSICIAN. "SEE OTHER INFORMATION"

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

Flash Point Method:TCC

Flash Point:145-155F (63-68C

Autoignition Temp:=232.C, 449.6F

Autoignition Temp Text:AUTODE

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:WATER SPARY, FOAM, DRY CHEMICAL, CO2.

Fire Fighting Procedures:WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO
KEEP FIRE-EXPOSED CONTAINERS COO

L. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURES. DO NOT ENTER ENCLOSED OR CONFINED SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING RESPIRATORY PROTECTION.

Unusual Fire/Explosion Hazard: PRODUCTS OF COMBUSTION MAY CONTAIN CARBON MONOXIDE, CARBON DIOXIDE & OTHER TOXIC MATERIALS.

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

Spill Release Procedures: CONTAINMENT-REMOVE SOURCE OF HEAT, SPARKS, FLAME, IMPACT, FRICTION OR ELECTRICITY. DIKE SPILL

L. PREVENT

MATERIAL FROM ENTERING SEWERS, WATERWAYS, OR LOW AREAS. CLEANUP-RECOVER FREE LIQUID FOR REUSE OR RECLAMATION. SOAK UP WITH SAWDUST, SAND, OIL DRY OR OTHER ABSORBENT MATERIAL.

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

Handling and Storage Precautions: HANDLING-GROUND CONTAINER WHEN POURING. KEEP AWAY FROM HEAT/SPARKS/FLAMES. CLOSE CONTAINER AFTER EACH USE. STORE-STORE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOC RECOMMENDATIONS.

KEEP CONTAINER TIGHTLY CLOSED. STORE IN COOL, DRY, WELL VENTILATED PLACE, AWAY FROM OXIDIZERS/HEAT/SPARKS/FLAMES.

Other Precautions: NFPA, NPCA-HMIS: NFPA RATING: HEALTH=0, FLAMMIBILITY=2, REACTIVITY=0. NPCA-HMIS RATING: HEALTH=1, FLAMMIBILITY=2, REACTIVITY=0. PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON USE CONDITIONS.

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

Respiratory Protection: SELECT APPROPRIATE NIOSH APPROVED RESPIRATORY

PROTECTION FOR ORGANIC VAPORS WHERE NECESSARY TO MAINTAIN EXPOSURES BELOW THE EXPOSURE LIMITS GIVEN.

Ventilation: GENERAL MECHANICAL VENTILATION NORMALLY ADEQUATE.

Protective Gloves: NBR OR NEOPRENE RECOMMENDED.

Eye Protection: CHEMICAL SPLASH GOGGLES OR FACE SHIELD RECOMMENDED WHERE SPLASHING CAN OCCUR.

Other Protective Equipment: SUFFICIENT PROTECTIVE CLOTHING TO MINIMIZE SKIN EXPOSURE. COVERALLS WITH LONG SLEEVES IF SPLASHING IS PROBABLE. PROTECTIVE GLOVES SHOULD BE WORN WHEN

ANY POTENTIAL
EXISTS FOR SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING
AFTER USE.

Supplemental Safety and Health

SYNONYMS: PARAFINIC/NAPHTHENIC SOLVENT.

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

HCC:V4

Boiling Pt:B.P. Text:370-470F

Vapor Pres:1MMHG @ 68F

Vapor Density:6.2

Spec Gravity:0.80-0.81

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, COLORLESS LIQUID; NIL TO MILD ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE WITH OXIDIZING MATERIALS.

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

Hazardous Decomposition Products:CARBON DIOXIDE AND POSSIBLE CARBON
MONOXIDE.

===== Toxicological Information =====

Toxicological Information:ANIMAL DATA: ANIMAL STUDIES HAVE SHOWN THAT
PROLONGED OR REPEATED INHALATION EXPOSURE TO HIGH CONCENTRATI
ONS OF
SOME PETROLEUM DISTILLATES HAVE CAUSED LIVER TUMORS IN MICE &
KIDNEY DAMAGE & TUMORS IN MALE RATS. HOWEVER, KIDNEY EFFECTS WERE
NOT SEEN IN SIMILAR STUDIES INVOLVING FEMALE RATS, GUINEA PIGS,
DOGS OR MONKEYS. PRESENT STUDIES INDICATE THE KIDNEY EFFECTS WILL
ONLY OCCUR IN MALE RATS. ALSO, HUMAN STUDIES DO NOT INDICATE THIS
PECULIAR SENSITIVITY FOR KIDNEY DAMAGE & STUDIES REPORTED IN 1992
SHOWED THAT THIS PARTICULAR TYPE OF RAT KIDNEY DAMAGE IS NOT USEFUL
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N PREDICTING A HUMAN HEALTH HAZARD.

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Ecological Information
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Ecological: ECOTOXICOLOGICAL INFORMATION: NO SPECIFIC AQUATIC DATA AVAILABLE FOR THIS PRODUCT.

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Disposal Considerations
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Waste Disposal Methods: TREATMENT, STORAGE, TRANSPORTATION, AND DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE/PROVINCIAL, AND LOCAL REGULATIONS. RECOVER NONUSEABLE FREE LIQUID AND DISPOSE OF IN APPROVED AND PERMITTED INCINERATOR. BY ITSELF, THE LIQUID MAY BE A RCRA IGNITIBLE HAZARDOUS WASTE, WHEN DISPOSED.

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MSDS Transport Information
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Transport Information: DOT PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S. (CONTAINS MIXED ALIPHATIC HYDROCARBONS) COMBUSTIBLE LIQUID. I.D. NO. (UN/NA): UN1268. PACKING GROUP: III. DOT LABEL(S): NONE. DOT PLACARD: COMBUSTIBLE. SPECIAL INFORMATION: NOT REGULATED IN QUANTITIES