

"CONOSOL" C-145

MSDS Number

CKXXM

National Stock Number

6850-00-110-4498

Product Name

"CONOSOL" C-145

Manufacturer

CONOCO INC

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

CONOCO INC

HOUSTON , TX 77252

US

Emergency Phone: 800-424-9300

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

Cage: 5R396

Contractor

TELECHEM INTERNATIONAL, INC

SUNNYVALE, CA 94089-2115

US

916-941-3688

Cage: 1KH20

Ingredients

CYCLOPARAFFINIC, ISOPARAFFINIC, AND NORMAL PARAFFINIC

CAS: 64742-47-8

RTECS: OA5504000

Hazards

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.

Explanation 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

First Aid: INHALATION: 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 INDUCE VOMITING. IMMEDIATELY GIVE TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN. "SEE OTHER INFORMATION"

Fire Fighting

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 COOL. 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

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

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

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.

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

Stability

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.

Disposal

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.

Toxicology

Toxicological Information:ANIMAL DATA: ANIMAL STUDIES HAVE SHOWN THAT PROLONGED OR REPEATED INHALATION EXPOSURE TO HIGH CONCENTRATIONS 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 IN PREDICTING A HUMAN HEALTH HAZARD.

Other Information

Disclaimer (provided with this information by the compiling agencies):
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Ecology

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

Transport

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 MEXICO: SAME AS DOT. SHIPPING INFORMATION--CANADA. SPECIAL INFORMATION: NOT REGULATED IN QUANTITIES CONTAINER.

Regulatory

SARA Title III Information:SARA, TITLE III, 302/304: THIS MATERIAL IS NOT KNOWN TO CONTAIN EXTREMELY HAZARDOUS SUBSTANCES. TITLE III HAZARD CLASSIFICATIONS SECTION 311, 312: ACUTE-YES, CHRONIC-YES, FIRE-YES, REACTIVITY-NO, PRESURE-NO. SARA, TITLE III, 313: THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY CHEMICAL(S) AT A LEVEL OF 1% OR GREATER (0.1% FOR CARCINOGENS) ON THE LIST OF TOXIC CHEMICAL SUBJECT TO RELEASE REPORTING REQUIREMENTS.
Federal Regulatory Information:TSCA: THIS MATERIAL IS IN THE TSCA INVENTORY OF CHEMICAL SUBSTANCES (40 CFR 710) AND/OR IS OTHERWISE IN COMPLIANCE WITH TSCA. CERCLA/SUPERFUND: NOT APPLICABLE; THIS MATERIAL IS COVERED BY THE CERCLA PETROLEUM EXCLUSION. RELEASES ARE NOT REPORTABLE. OSHA HAZARD DETERMINATION: THIS MATERIAL IS HAZARDOUS AS DEFINED BY OSHA'S HAZARD COMMUNICATION STANDARD, 29

CFR 1910.1200.

State Regulatory Information:CALIFORNIA "PROP 65" THIS MATERIAL IS NOT KNOWN TO CONTAIN ANY INGREDIENT(S) SUBJECT TO THE ACT. PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT. THIS MATERIAL MAY CONTAIN THE FOLLOWING INGREDIENT(S) SUBJECT TO THE PENNSYLVANIA AND COMMUNITY RIGHT TO KNOWN HAZARDOUS SUBSTANCES LIST. INGREDIENT-PETROLEUM DISTILLATES. CAS NUMBER-64742-47-8. CATEGORY-HAZARDOUS SUBSTANCE.