

CONOCO INC -- CONOSOL C-200 -- 6850-01-331-3349

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

Product ID:CONOSOL C-200

MSDS Date:09/05/1993

FSC:6850

NIIN:01-331-3349

MSDS Number: CFRHQ

=== 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

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

===== Composition/Information on

Ingredients =====

Ingred Name:CYCLOPARAFFINI,ISOPARAFFINIC,NORAML PARAFFINIC HYDROCARBONS
(HYDROTREATED DISTILLATE,LIGHT)

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: >99%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:MAY CAUSE IRRITATION TO EYES, LUNGS OR

SKIN AFTER PROLONGED/REPEATED EXPOSURE. EXTREME OVEREXPOSURE OR ASPIRATION INTO THE LUNGS MAY CAUSE LUNG DAMAGE OR DEATH.

OVEREXPOSURE MAY CAUSE WEAKNESS, HEADACHE, NAUSEA, CONFUSION, BLURRED VISION, DROWSINESS, DIZZINESS, SLURRED SPEECH, FLUSHED FACE, UNCONSCIOUSNESS, CONVULSIONS

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:

EYE IRRITATION, SKIN IRRITATION, LUNG

IRRITATION, LUNG DAMAGE, DEATH, WEAKNESS, HEADACHE, NAUSEA, CONFUSION, BLURRED VISION, DROWSINESS, DIZZINESS, SLURRED SPEECH, FLUSHED FACE, UNCONSCIOUSNESS, CONVULSION.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

FLUSH UNDER LIDS BY LIFTING THEM OR ROLLING EYES. SEE DOCTOR ASAP.

SKIN: FLUSH WITH WATER. REMOVE CLOTHING AND CONTINUE FLUSHING.

INHALATION : REMOVE TO FRESH AIR AND RESTORE BREATHING. GET MEDICAL HELP. INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. CALL PHYSICIAN ASAP.

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

Flash Point Method:PMCC

Flash Point:200F,93C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:1.0

Upper Limits:6.0

Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
WATER OR FAOM MAY CAUSE FROTHING.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND
CONTAINERS EXPOSED TO FIRE WITH WATER.

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

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

Spill Release Procedure

s:REMOVE SOURCES OF HEAT,SPARKS, FLAME, IMPACT,
FRICTION OR ELECTRICITY. DIKE SPILL. PREVENT MATERIAL FROM ENTERING
SEWERS, WATERWAYS OR LOW AREAS. RECOVER FREE LIQUID FOR REUSE OR
RECLAMATION. SOAK UP REMAINDER WITH SAWDUST, SAND OR OIL DRY.
COLLECT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN ACCORDANCE WITH NATIONAL FIRE
PROTECTION ASSOCIATION RECOMMENDAT
IONS. KEEP CONTAINER TIGHTLY

CLOSED. STORE AWAY FROM OXIDIZERS, HEAT, SPARKS.

Other Precautions:STORE IN WELL VENTILATED AREA. CLOSE CONTAINER AFTER
EACH USE. WASH CLOTHING AFTER EACH USE.

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

Respiratory Protection:SELECT APPROPRIATE NIOSH-APPROVED RESPIRATORY
PROTECTION FOR ORGANIC VAPORS WHERE NECESSARY TO MAINTAIN EXPOSURES
BELOW APPROPRIATE EXPOSURE LIMITS.

Ventilation:GENERAL MECHANICAL VENTILATION NORMALLY A
DEQUATE.

Protective Gloves:NBR OR NEOPRENE RECOMMENDED.

Eye Protection:CHEM SPALSH GOGG,FACE SHIELD FOR SPLASH

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

NOTES TO PHYSICIAN: ACTIVATED CHARCOAL MIXTURE MAY BE ADMINISTERED. TO

PREPARE ACTIVATED CHARCOAL MIXTURE, 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

Boiling Pt:B.P. Text:440F,227C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:0.4

Vapor Density:6.2

Spec Gravity:0.82-0.83

Viscosity:NP

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance

and Odor:CLEAR LIQUID, COLORLESS

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

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

Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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