

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- CSD TT T 306 E TYPE II -- 8010-00-558-7027

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Product Identification
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Product ID:CSD TT T 306 E TYPE II

MSDS Date:07/18/1995

FSC:8010

NIIN:00-558-7027

MSDS Number: BYCLS

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43228

Country:US

Info Phone Num:61

4-790-3333

Emergency Phone Num:800-274-5263

CAGE:7L600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333 / 800-325-3751

CAGE:7L600

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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Composition/Information on Ingredients
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Ing

red Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 21%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:S, C 50 PPM; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES (VM & P NAPHTHA)

CAS:64742-89-8

Fraction by Wt: 60%

Other REC Limits:300 PPM (MFR)

Ingred Name:ISOBUTYL ISOBUTYRATE

CAS:97-85-8

RTECS #:NQ5250000

Fraction by Wt: 10-15%

Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUENE (SARA 313) (CE
RCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9495

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

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

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

Health Hazards Acute and Chronic:ACUTE: INHALATION OF LARGE

CONCENTRATION OF VAPOR/MIST MAY CAUSE RESPIRATORY IRRITATION, CNS
EFFECT

S. CONTACT MAY CAUSE SKIN & EYE IRRITATION. INGESTION OF

LARGE AMOUNTS MAY CAUSE CNS EFFECTS; GI TRAC T IRRITATION.

ASPIRATION MAY BE HARMFUL.CHRONIC: PROLONGED/REPEATED EXPOSURE MAY
CAUSE DERMATITIS, CNS EFFECTS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED/SKIN ABSORBED/INGESTED (CNS EFFECTS):

DROWSIESS, HEADACHE, DIZZINESS, NAUSEA, LOSS OF COORDINATION,

UNCONSCIOUSNESS, POSSIBLE DEATH. INHALED-COUGHING, WHEEZING, SHORTNESS OF BREATH. INGESTED-N AUSEA, VOMITING, DIARRHEA. Medical Cond Aggravated by Exposure:ANEMIA, EFFECTS ON HEARING, KIDNEYS & CARDIAC DISORDERS.

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

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. SKIN-REMOVE CONTAMINATED CLOTHES. FLUSH WITH WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALED-REMOVE TO FRESH AIR.

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ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. GETMEDICAL ATTENTION. INGESTED-DO NOT INDUCE VOMITING! SEEK MEDICAL ATTENTIONM.

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

Flash Point Method:TCC

Flash Point:>40F,>4C

Lower Limits:0.9

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAV

EL TO DISTANT IGNITION SORCE AND IGNITE/FLASHBACK. MAY FORM EXPLOSIVE PEROXIDES. PROPERLY BOND/GROUND IF TRANSFERRING.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. WEAR PROPER PROTECTIVE EQUIPMENT. VENTILATE AREA. ABSORB ON VERMICULITE, FLOOR ABSORBENT OR SIMILAR MATERIAL. PLACE IN A CONTAINER FOR LATER DISPOSAL. IF LARGE SPILL ALSO ISOLATE & DENY ENTRY. CONTAIN/DIKESPILL.

Neutralizing Agent

:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions:"EMPTY" CONTAINERS STILL HAVE A HAZARDOUS RESIDUE. TREAT AS IF FULL.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS

; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.
Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:PVA, NITRILE.
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:AS NEEDED TO PREVENT PROLONGED/REPEATED SKIN CONTACT. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health
MSDS ENTERED BY DLA-HMIS FOR TECHNICAL SUPPORT OF DDRV.

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

HCC:F2
Boiling Pt:=111.C, 231.8F
Vapor Pres:22 MM HG
Vapor Density:>1
Spec Gravity:0.781
Evaporation Rate & Reference: