

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- SOLVENT BLEND -- 8010-00-165-5582

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Product Identification
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Product ID:SOLVENT BLEND

MSDS Date:01/26/1998

FSC:8010

NIIN:00-165-5582

Status Code:A

MSDS Number: CLPTP

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-79

0-3333 / 800-325-3751

Emergency Phone Num:1-800-ASHLAND

Preparer's Name:RYAN MICKELSON

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

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE

CAS:78-93-3

RTECS #:EL6475000

= Wt:37.

OSHA PEL:590 MG/M3;200 PPM

ACGIH TLV:590 MG/M3;20

0 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE
CAS:141-78-6
RTECS #:AH5425000
Minumum % Wt:31.
Maxumum % Wt:35.
OSHA PEL:1400 MG/M3;400 PPM
ACGIH TLV:1440 MG/M3;400 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BUTYL ACETATE
CAS:123-86-4
RTECS #:AF7350000
Minumum % Wt:13.
Maxumum % Wt:17.
OSHA PEL:710 MG/M3;150 PPM
ACGIH TLV:713 MG/M3;150 PPM
ACGIH STEL:950 MG/M3;200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:D
IACETONE ALCOHOL
CAS:123-42-2
RTECS #:SA9100000
Minumum % Wt:7.
Maxumum % Wt:11.
OSHA PEL:240 MG/M3;50 PPM
ACGIH TLV:238 MG/M3;50 PPM

Ingred Name:ETHYL ALCOHOL
CAS:64-17-5
RTECS #:KQ6300000
Minumum % Wt:3.9
Maxumum % Wt:8.
OSHA PEL:1900 MG/M3;1000 PPM
ACGIH TLV:1880 MG/M3;1000 PPM

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

Health Hazards Acute and Chronic:EYE: CAN CAUSE EYE IRRITATION.
SYMPTOMS INCLUDE STINGING, TEARING, REDNESS, AND SWELLING OF EYES.
SKIN: C

AN CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, AND DRYING AND CRACKING OF SKIN, BURNS AND OTHER SKIN DAMAGE. PASSAGE OF THIS MATERIAL INTO THE BODY THROUGH THE SKIN IS POSSIBLE, BUT IT IS UNLIKELY THAT THIS WOULD RESULT IN HARMFUL EFFECTS DURING SAFE HANDLING AND USE. SWALLOWING: SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. THIS MATERIAL CAN GET INTO THE LUNGS DURING

Effects of Overexposure: SYMPTOMS OF EXPOSURE: SIGNS AND SYMPTOMS OF EXPOSURE TO THIS MATERIAL THROUGH BREATHING, SWALLOWING, AND/OR PASSAGE OF THE MATERIAL THROUGH THE SKIN MAY INCLUDE: STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA), IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (SLOWING OF THE BREATHING RATE), LOSS OF COORDINATION, CONFUSION, IRREGULAR HEARTBEAT, NARCOSIS (DAZED SLUGISH FEELING), ANESTHESIA, RESPIRATORY FAILURE, COMA, AND DEATH. BREATHING THIS MATERIAL MAY BE HARMFUL. N-BUTYL ACETATE MAY CAUSE DELAYED LUNG INJURY.

OSIS (DAZED SLUGISH FEELING), ANESTHESIA, RESPIRATORY FAILURE, COMA, AND DEATH. BREATHING THIS MATERIAL MAY BE HARMFUL. N-BUTYL ACETATE MAY CAUSE DELAYED LUNG INJURY.

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

First Aid: EYES: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES GENTLY WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS APART; SEEK IMMEDIATE MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN IS DAMAGED, SEEK IMMEDIATE MEDICAL ATTENTION. SWALLOWING: SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH THE HEAD DOWN. CONTACT A PHYSICIAN. INHALATION: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION.

EXPOSED AREA WITH LARGE AMOUNTS OF WATER. IF SKIN IS DAMAGED, SEEK IMMEDIATE MEDICAL ATTENTION. SWALLOWING: SEEK MEDICAL ATTENTION. IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH THE HEAD DOWN. CONTACT A PHYSICIAN. INHALATION: IF SYMPTOMS DEVELOP, IMMEDIATELY MOVE INDIVIDUAL AWAY FROM EXPOSURE AND INTO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method: TCC

Flash Point: 20-30 F

Extinguishing Media: REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures: WEAR RESISTANT GLOVES (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER). TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS. RESPIRATORY PROTECTIONS: IF WORKPLACE EXPOSURE LIMITS OF A PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOS/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER

Unusual Fire/Explosio

n Hazard: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE, OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR

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

Spill Release Procedures: SMALL SPILL: ABSORB LIQUID ON VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. LARGE SPILL: ELIMINATE ALL SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS OR OTHER BODIES OF WATER. PREVENT F

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

Handling and Storage Precautions: HANDLING CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. ALL FIVE-GALLON PAILS GROUNDED AND/OR BONDED WHEN MATERIAL IS TRANSFERRED. WARNING. SUD

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

Respiratory Protection: IF WORKPLACE EXPOSURE LIMIT OF PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Ventilation: PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Protective Gloves: RESISTANT GLOVES, IMPERVIOUS.

Eye Protection: CHEMICAL SPLASH GOGGLES, OTHER OSHA REGULATED SAFETY GLASSES

Supplemental Safety and Health

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

Boiling Pt:=75.6C, 168.F

Vapor Pres:76.00

Spec Gravity:1.0

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:FIRE, HEAT, HOT SURFACES

===== Regulatory Information =====

SARA Title III Information:SECTION 311/312 HAZARD CLASS-40 CFR 370.2,
IMMEDIATE, DELAYED, FIRE, SARA 313 COMPONENTS-40 CFR 372.65 SECTION

313 COMPONENTS METHYL ETHYL KETONE 78-93-3 37.33

State Regulatory Information:NEW JERSEY RTK LABEL INFORMATION METHYL
ETHYL KETONE 78-93-3, ETHYL ACETATE 141-78-6, N-BUTYL
ACETATE 123-86-4, DIACETONE ALCOHOL 123-42-2, ETHYL ALCOHOL 64-17-5,
PENNSYLVANIA RTK LABEL INFORMATION 2-B UTANONE 78-93-3, ACETIC ACID
ETHYL ESTER 141-78-5, ACETIC ACID, BUTYL ESTER 123-86-4,
2-PENTANONE, 4-HYDROXY-4METHYL-ETHANOL 64-17-5

===== Other Information =====
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