

BARTON SOLVENTS, INC -- BARSOL A-2688 -- 6850-01-016-3482

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Product Identification  
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Product ID:BARSOL A-2688

MSDS Date:08/22/1994

FSC:6850

NIIN:01-016-3482

MSDS Number: CBSFB

=== Responsible Party ===

Company Name:BARTON SOLVENTS, INC

Address:1920 N.E. BROADWAY

Box:221

City:DES MOINES

State:IA

ZIP:50301

Country:US

Info Phone Num:515-265-7998

Emergency Phone Num:515-265-7998/800-424-9300(  
CHEMTREC)

CAGE:FO636

=== Contractor Identification ===

Company Name:BARTON SOLVENTS INC

Address:2135 9TH AVE

Box:City:COUNCIL BLUFFS

State:IA

ZIP:51501-6013

Country:US

Phone:712-322-2509

CAGE:6J772

Company Name:BARTON SOLVENTS, INC.

Address:1920 N.E. BROADWAY

Box:221

City:DES MOINES

State:IA

ZIP:50301

Country:US

Phone:(515) 265-7998

CAGE:FO636

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

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Composition/Information on Ingredients =====

Ingred Name: DISTILLATES, LIGHT NAPHTHENIC/AROMATIC DISTILLATES  
CAS: 64741-52-2  
RTECS #: PY8037000  
Fraction by Wt: 50%  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM

Ingred Name: ETHYL ACETATE (CERCLA)  
CAS: 141-78-6  
RTECS #: AH5425000  
Fraction by Wt: >9%  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM; 9596  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

Ingred Name: ISOPROPYL ALCOHOL (SARA 313)  
CAS: 67-63-0  
RTEC  
S #: NT8050000  
Fraction by Wt: >9%  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM/500 STEL; 9596

Ingred Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)  
CAS: 78-93-3  
RTECS #: EL6475000  
Fraction by Wt: 20%  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 200 PPM  
ACGIH TLV: 200 PPM/300 STEL; 9596  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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

LD50 LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: I

nhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CENTRAL NERVOUS SYSTEM, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE AND CHRONIC- EYE/SKIN:MAY CAUSE IRRITATION. INHALE:ANESTHETIC. IRRITATES RESPIRATORY TRACT. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. ORAL:HARMFUL OR FATAL IF SWALLOWED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DROWSINESS, DIZZINESS, NAUSEA,

VOMITING, HEADACHE, WEAKNESS, ABDOMINAL DISCOMFORT, DRYNESS OF SKIN, ABDOMINAL PAIN, TEARING, BLURRED VISION, UNCONSCIOUSNESS AND POSSIBLY DEATH IN CONFINED AREAS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST.

INHALED:REMOVE TO FRESH

AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:22.0F,-5.6C

Lower Limits:1.6

Extinguishing Media:USE CARBON

DIOXIDE, SAND, FOAM, DRY CHEMICAL. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT

QUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE OR NON-SPARKING TOOLS. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION & OXIDIZERS. KEEP OUT OF REACH OF CHILDREN. DO NOT STORE ABOVE 120F.

Other Precautions:VERY FLAMMABLE. EMPTY CONTAINERS MAY RETAIN RESIDUE. FOLLOW ALL PRECAUTIONS. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST. AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC VAPORS (REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, INDUSTRIAL-TYPE WORK CLOTHING, APRON

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:162F - 230F

Vapor Pres:29.8

Vapor Density:3.4

Spec Gravity:0.821

Evaporation Rate & Reference:3.5 (N-BUTYL ACETATE=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR, WATER WHITE LIQUID, KETONE ODOR

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===== Stability and React

ivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HEAT, SPARKS, FLAMES AND OTHER SOURCES OF  
IGNITION

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods: RECYCLE OR INCINERATE. ENSURE ALL LOCAL, STATE  
AND FEDERAL REGULATIONS.

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