

BARTON SOLVENTS INC -- BARSOL A-2688 -- 6850-01-045-7931

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

Product ID: BARSOL A-2688

MSDS Date: 08/22/1994

FSC: 6850

NIIN: 01-045-7931

MSDS Number: BXZHF

=== Responsible Party ===

Company Name: BARTON SOLVENTS INC

Address: 2135 9TH AVE

Box: 456

City: COUNCIL BLUFFS

State: IA

ZIP: 51501-6013

Country: US

Info Phone Num: 515-265-7998

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

CAGE: 6J772

=== 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: 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: LIGHT ALIPHATIC SOLVENT NAPHTHA (VM & P NAPHTHA)

CAS: 64742-89-8

Fraction by Wt: >9

%  
Other REC Limits:NONE RECOMMENDED

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; 9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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/300STEL;9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:T  
OLUENE (SARA 313) (CERCLA)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 28%  
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

Ingred Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
Fraction by Wt: >1%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9495

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: >9%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL

:400 PPM  
ACGIH TLV:400 PPM/500STEL;9495

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE ANESTHETIC EFFECTS, RESPIRATORY IRRITATION, CNS DEPRESSION. CONTACT WITH SKIN AND EYES MAY CAUSE IRRITATION. INGESTION MAY BE HARMFUL. CHRONIC: NONE SPECIFIED BY MANUFACTUR ER.  
Explanation of Carcinogenicity  
:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:HEADACHE, DIZZINESS, NAUSEA, UNCONSCIOUSNESS, COMA AND POSSIBLE DEATH IN HIGH CONCENTRATION OF VAPORS IN CONFINED AREAS.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, RESPIRATORY, AND EYE CONDITIONS.

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

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.  
S  
KIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALED-REMOVE TO FRESH AIR. I NGESTED-DO NOT INDUCE VOMITING! IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.

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

Flash Point Method:TCC  
Flash Point:22.0F,-5.6C  
Lower Limits:1.6  
Extinguishing Media:NFPA CLASS B EXTINGUISHERS (CARBON DIOXIDE OR FOAM) FOR CLASS IB LIQUID.  
Fire Fighting Procedu  
res:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS/FIREFIGHTERS WITH WATER; USE FOG NOZZLES IF WATER USED.  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE! VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL TO DISTANT SOURCE OF IGNITION & FLASH BACK. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO HEAT.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. CONTAIN  
S

PILL SO AS TO KEEP OUT OF STREAMS AND GROUNDWATER. ABSORB WITH ABSORBENT OR SAND. WEAR PROPER PROTECTIVE CLOTHING/EQUIPMENT.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:ISOLATE FROM STRONG OXIDIZING AGENTS, HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME.

Other Precautions:DO NOT FLAME CUT, SAW, BRAZE OR WELD EMPTY CONTAINERS. EMPTY CONTAINERS ARE HAZARDOUS! CONTINUE ALL LABEL PRECAUTIONS.

=====  
===== 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:

es:YES-PVA, BUTYL.

Eye Protection:CHEMICAL SPLASH GOGGLES & FACESHIELD.

Other Protective Equipment:CLEAN, BODY-COVERING CLOTHES. EYE WASH STATION & SAFETY SHOWER AVAILABLE FOR EMERGENCY USE.

Work Hygienic Practices:FOLLOW SAFE WORK PRACTICES. WASH HANDS PRIOR TO EATING OR SMOKING.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=72.C, 161.6F

Vapor Pres:29.8

Vapor Density:3.4

Spec Gravity:0.821

Evaporation Rate & R

eference:3.5 (N-BUTYL ACETATE=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR & WATER WHITE; KETONE ODOR.

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

Stability Indicator/Materials to Avoid:YES

ISOLATE FROM STRONG OXIDIZING AGENTS SUCH AS PERMANGANATE.

Stability Condition to Avoid:ISOLATE FROM OXIDIZERS, HEAT, SPARKS, ELECTRICAL EQUIPMENT & OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE FROM BURNING.

Conditions to Avoid Polymerization:WILL

NOT OCCUR.

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

Waste Disposal Methods:RECYCLE OR INCINERATE OBSERVING LOCAL, STATE AND FEDERAL REGULATIONS. DLA-HMIS: EPA/RCRA WASTE NUMBER D001 (IGNITABLE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.