

BOUGHT ACCORDING TO SPECIFICAT -- DRY CLEANING SOLVENT, TYPE II

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MSDS Safety Information  
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FSC: 6850  
NIIN: 00-110-4498  
MSDS Date: 03/12/1992  
MSDS Num: BMBZN  
Product ID: DRY CLEANING SOLVENT, TYPE II  
MFN: 01  
Responsible Party  
Cage: 81349  
Name: BOUGHT ACCORDING TO SPECIFICATION  
Box: .  
City: . NK 00000  
Emergenc  
y Phone Number: 804-279-4371 (DGSC)  
Preparer's Name: DOD- (DGSC-SSH)  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 81348  
Name: FEDERAL SPECIFICATIONS, PROMULGATED BY GSA  
Address: UNKNOWN  
City: WASHINGTON DC 00000  
Phone: UNKNOWN  
Cage: 81349  
Name: MILITARY SPECIFICATIONS PROMULGATED BY MILITARY  
Address: DEPTS/AGENCIES UNDER AUTH OF DEF STD  
Box: MANUAL  
City: 4120 3-M NK 00000  
Phone  
: 804-279-4371 DSN 695-4371

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Item Description Information  
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Item Manager: S9G  
Item Name: DRY CLEANING SOLVENT  
Specification Number: P-D-680  
Type/Grade/Class: TYPE II  
Unit of Issue: PT  
UI Container Qty: 1  
Type of Container: CAN

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Ingredients  
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Cas: 64742-88-7  
Name: NAPHTHA, MEDIUM

ALIPHATIC

% Wt: 100%

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL RAT) IS >25 ML/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: LIQUID IS PRACTICALLY NONIRRITATING TO THE EYES. LIQUID IS SLIGHTLY IRRITA

TING TO THE SKIN. PROLONGED OR REPEATED LIQUID CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN. VAPORS MAY CAUSE IRRITATION TO NOSE, THROAT, AND RESPIRATORY TRACT. HIGH CONC. MAY RESULT IN CNS DEPRESSION. VOMITING FROM INGESTION.

Explanation Of Carcinogenicity: NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure: IRRITATION AS NOTED IN HEALTH HAZARDS.

EARLY TO MODERATE CNS DEPRESSION MAY BE EVIDENCED BY GIDD

INESS, HEADACHE,

DIZZINESS AND NAUSEA. IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED BREATHING AND CYANOSIS.

Medical Cond Aggravated By Exposure: PREEXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTI

ON. SKIN: REMOVE CONTAMINATED CLOTHI NG. WASH WITH SOAP

AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: DO NOT

INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL

ATTENTION.

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Handling and Disposal  
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Spill Release Procedures: SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER

. LARGE SPILL:

EVACUATE AND VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO RETAIN RUN OFF. VACUUM UP FREE LIQUID. ABSORB/WASH RESIDUE.

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions: SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE EVEN LIQUID PRODUCT IN THE ABSENCE OF SPARKS OR FLAME. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER SOURCES OF IGNITION PRIOR TO USE OR UNTIL VAPORS ARE GONE.

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC

Flash Point Text: 143F,62C

Lower Limits: 1

Upper Limits: 7

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. DO NOT

USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT/REIGNITE.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.

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Control Measures  
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Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation: MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves: CHEMICAL RESISTANT

Eye Protection: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD  
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-  
TYPE WORK CLOTHING AND APRON AS REQUIRED.  
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.  
Supplemental Safety and Health: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT  
GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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Physical/Chemical Properties  
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HCC: V4  
B.P. Text: 368F,187C  
Decomp Text: UNKNOWN  
Vapor Pres: &lt;5  
Vapor Density: 6.3  
Spec Gravity: 0.79  
Evaporation Rate & Reference: 0.03 (BUTYL ACETATE=1)  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: LIGHT COLORED LIQUID, HYDROCARBON ODOR.  
Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF  
IGNITION  
Materials To Avoid: STRONG OXIDIZING AGENTS  
Hazardous Decomposition Products: CARBON MONOXIDE AND UNIDENTIFIED ORGANIC  
COMPOUNDS MAY BE FORMED DURING COMBUSTION.  
Hazardous Polymerization Indicator: NO

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 81349  
Trans ID NO: 47900  
Product ID: DRY CLEANING SOLVENT, TYPE II  
MSDS Prepared Date: 03/12/1992  
Review Date: 04/01/1996  
MFN: 1  
Net Unit Weight: 0.8 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: PT  
Container QTY: 1  
Type Of Container: CAN  
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Detail DOT Information  
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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information  
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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA Information  
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IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information  
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AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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=====  
HAZCOM Label  
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Product ID: DRY CLEANING SOLVENT, TYPE II  
Cage: 81349  
Com

pany Name: MILITARY SPECIFICATIONS PROMULGATED BY MILITARY

Street: DEPTS/AGENCIES UNDER AUTH OF DEF STD

PO Box: MANUAL

City: 4120 3-M NK

Zipcode: 00000

Health Emergency Phone: 804-279-4371 (DGSC)

Label Required IND: Y

Date Of Label Review: 06/05/1991

Status Code: C

Label Date: 06/05/1991

Year Procured: 1988

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

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re Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY IRRITATE OR BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION. LIQUID IS PRACTICALLY NONIRRITATING TO THE EYES. LIQUID IS SLIGHTLY IRRITATING TO THE SKIN. PROLONGED OR REPEATED LIQUID CONTACT CAN RESULT IN DEFA TTING AND DRYING OF

THE SKIN. VAPORS MAY CAUSE IRRITATION TO NOSE, THROAT, AND RESPIRATORY TRACT. HIGH CONC. MAY RESULT IN CNS DEPRESSION. VOMITING FROM INGESTION. STORE IN A COOL, DRY, WELL VENTILATE D AREA. KEEP CONTAINERS TIGHTLY CLOSED.

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particular situation regardless of similarity to a corresponding Department  
of Defense or other government situation.