

KBI/KOLD BAN INTERNATIONAL LTD -- ENGINE STARTING FLUID, KBI 21 OZ (DIESELMAT

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MSDS Safety Information  
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FSC: 2910  
NIIN: 01-342-8947  
MSDS Date: 01/20/1996  
MSDS Num: BPXHF  
Product ID: ENGINE STARTING FLUID, KBI 21 OZ (DIESELMAT  
MFN: 01  
Responsible Party  
Cage: 53203  
Name: KBI/KOLD BAN INTERNATIONAL LTD  
Address: 900 PINGREE  
RD  
City: LAKE IN THE HILLS (FORMERLY ALGONQUIN) IL 60102-9670  
Info Phone Number: 708-658-8561  
Emergency Phone Number: 708-658-8561  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 7Z016  
Name: KAMPI COMPONENTS CO., INC.  
Address: 210 RT 13  
Box: 721  
City: BRISTOL PA 19007-3517  
Phone: 215-736-2000  
Cage: 53203  
Name: KBI/KOLD BAN INTERNATIONAL LTD  
Address: 900 PINGREE  
RD  
City: LAKE IN THE HILLS (FORMERLY ALGONQUIN) IL 60102-9670  
Phone: 708-658-8561

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Item Description Information  
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Item Manager: S9C  
Item Name: ENGINE START CARTRI  
Unit of Issue: EA  
UI Container Qty: 0

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE - INHALATION: DIZZINESS, STRONG ANESTHESIA, INTOXICATION, UNCONSCIOUSNESS. SKIN: IRRITATION UPON PROLONGED CONTACT, DEFATTING OF SKIN. EYE: IRRITATION. INGESTION: NONE KNOWN.

Signs And S

ymptoms Of Overexposure: INHALATION MAY CAUSE DIZZINESS, HEADACHE, INTOXICATION, UNCONSCIOUSNESS. PROLONGED SKIN CONTACT MAY CAUSE, DEFATTING AND IRRITATION. EYE IRRITATION CAN OCCUR UPON CONTACT.

Medical Cond Aggravated By Exposure: PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THIS MATERIAL.

First Aid: EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: FLUSH AREA WELL WITH SOAP AND WATER. REMOVE AND WASH ANY CLOTHING SOAKED WITH PRODUCT. INHALATION: REMOVE TO

FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.

GET IMMEDIATE MEDICAL ATTENTION. INGESTION: CALL A PHYSICIAN IMMEDIATELY. PROPER TREATMENT IS DEPENDENT ON PATIENT AND AMOUNT INGESTED.

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Handling and Disposal  
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Spill Release Procedures: VENTILATE AREA. REMOVE SOURCES OF IGNITION. LEAKING CONTAINERS SHOULD BE PLACED OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. CARBON DIOXIDE MAY BE USED AS A PRECAUTIONARY VAPOR BLANKET.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE CONTAINERS. AVOID ANY CONTAMINATION OF GROUNDWATER.

Handling And Storage Precautions: DO NOT STORE WHERE TEMPERATURE MAY EXCEED 120F. DO NOT STORE NEAR HEAT, FIRE, FLAME OR SPARKS. STORE IN SUITABLE AREA FOR HAZARDOUS MATERIALS STORAGE.

Other Precautions: EXTREMELY FLAMMABLE. A

VOID EXCESSIVE INHALATION. DO NOT  
INCINERATE OR PUNCTURE CONTAINERS, EVEN WHEN EMPTY. WASH THOROUGHLY AFTER  
HANDLING. KEEP AWAY FROM REACH OF CHILDREN.

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC

Flash Point Text: -56F,-49C

Lower Limits: 1.8

Upper Limits: 48

Extinguishing Media: CARBON DIOXIDE, WATER FOG OR MIST ONLY, DRY CHEMICAL,  
ALCOHOL FOAM. USE WATER SPRAY  
TO KEEP FIRE EXPOSED CONTAINER COOL.

Fire Fighting Procedures: AVOID POSSIBLE ACCUMULATION OF FLAMMABLE VAPORS AT  
LOW LEVELS, AS VAPOR IS HEAVIER THAN AIR. WEAR SELF-CONTAINED BREATHING  
APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: THIS PRODUCT'S CONTENTS ARE EXTREMELY FLAMMABLE  
AT ALL TIMES. AVOID INADVERTENT IGNITION SOURCES, INCLUDING STATIC SPARK.  
VAPOR ACCUMULATION IN AIR IS A HAZARD.

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Control Measures  
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Respiratory Protection: IF WORKING IN CONFINED AREAS, IF HEAVY MISTING IS  
EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED PERMISSIBLE EXPOSURE LIMITS (PEL),  
USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Ventilation: MUST BE ADEQUATE TO MAINTAIN VAPORS AT LESS THA 400 PPM,  
PARTICULAR AT FLOOR LEVEL AS VAPORS ARE HEAVIER THAN AIR.

Protective Gloves: NITRILE

Eye Protection: SAFETY GLASSES OR GOGGLES RECOMMENDED

Other Protective Equipment

: EYE WASH STATION & SAFETY SHOWERS SHOULD BE  
AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices: USE ONLY AS DIRECTED ON LABEL. READ LABEL BEFORE USING  
PRODUCT.

Supplemental Safety and Health: THIS MSDS IS UPDATE OF THE MSDS WHICH WAS DATED  
11 MAR 92.

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Physical/Chemical Properties  
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HCC: G2

B.P. Text: 94.0F,34.4C

Decomp Text: UNKNOWN

Vapor Densi

ty: 2.5  
Spec Gravity: 0.70  
Evaporation Rate & Reference: 6 (N-BUTYL ACETATE=1)  
Solubility in Water: MODERATE  
Appearance and Odor: PALE YELLOW TO CLEAR LIQUID, STRONG ETHEREAL ODOR,  
EVAPORATES QUICKLY  
Percent Volatiles by Volume: 86  
Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: CONTENTS OF CYLINDERS SHOULD NOT BE EXPOSED TO  
AIR  
AND LIGHT. UNSTABLE PEROXIDES MAY BE FORMED & CONCENTRATE(HAZARDOUS)  
Materials To Avoid: STRONG OXIDIZING AGENTS, HEAT, SPARKS, STATIC ELECTRICITY.  
SEALED METAL CONTAINERS ARE GENERALYY STABLE.  
Hazardous Decomposition Products: CARBON MONOXIDE MAY FORM.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

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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: 53203  
Trans ID NO: 127392  
Product ID: ENGINE STARTING FLUID, KBI 21 OZ (DIESELMAT  
MSDS Prepared Date: 01/20/1996  
Review Date: 05/08/2000  
MFN: 1  
Tech Entry NOS Shipping Nm: CONTAINS ENGINE STARTING FLUID (DIETHYL ETHER &  
N-HEPTANE).  
Net Unit Weight: 21 OZ  
Multiple KIT Number: 0  
Review

IND: Y  
Unit Of Issue: EA  
Container QTY: 0  
Additional Data: DOT SHIPPING NAME, PER MSDS.

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Detail DOT Information  
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DOT PSN Code: AGA  
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.  
DOT PSN Modifier: (ENGINE STARTING FLUID) (EACH NOT EXCEEDING 1 L CAPACITY)  
Hazard Class: 2.1  
UN ID Num: UN1950  
Label: 2.1  
Special Provision: N82  
Packaging Exception: 306  
Non Bulk Pack: NONE  
Bulk Pack: NO  
NE  
Max Qty Pass: FORB  
Max Qty Cargo: 150KG  
Vessel Stow Req: A  
Water/Ship/Other Req: 40, 48, 85

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Detail IMO Information  
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IMO PSN Code: AKD  
IMO Proper Shipping Name: AEROSOLS o  
IMDG Page Number: 2102  
UN Number: 1950  
UN Hazard Class: 2(T)  
IMO Packaging Group: -  
Subsidiary Risk Label: T  
EMS Number: 2-13  
MED First Aid Guide NUM: 620

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Detail IATA Information  
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IATA PSN Code: AOL  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE, (ENGINE STARTING FLUID)  
IATA UN Class: 2.1  
IATA Label: FLAMMABLE GAS  
Packing Note Passenger: FORB  
Max Quant Pass: FORB  
Max Quant Cargo: 150 KG  
Packaging Note Cargo: 203  
Exceptions: A1

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Detail AFI Information  
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AFI PSN Code:

ALR

AFI Symbols: \*

AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.

AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)

AFI Hazard Class: 2.1

AFI UN ID NUM: UN1950

Special Provisions: P4

Back Pack Reference: A6.3

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HAZCOM Label

=====  
Product ID: ENGINE STARTING FLUID, KBI 21 OZ (DIESELMAT

Cage: 53203

Company Name: KBI/KOLD BAN INTERNATIONAL LTD

Street: 900 PINGREE RD

City: LAKE IN THE HIL

LS (FORMERLY ALGONQUIN) IL

Zipcode: 60102-9670

Health Emergency Phone: 708-658-8561/800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 02/11/1993

Status Code: C

Label Date: 02/11/1993

Year Procured: 1993

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: ACUTE - INHALATION:DIZZINESS, STRONG ANEST  
HESIS,

INTOXICATION,UNCONSCIOUSNESS. SKIN:IRRITATION UPON PROLONGED CONTACT,  
DEFATTING OF SKIN. EYE:IRRITATION. INGESTION:NONE KNOWN. CHRONIC- MAY CAUSE  
DERMA TITIS. STORAGE- DO NOT STORE NEAR HEAT SOURCES SUCH AS RADIATORS, OPEN  
FLAMES, STOVES. KEEP IN COOL, DRY PLACE. DO NOT STORE ABOVE 120F. FIRST AID-  
GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH SOAP & WATER.  
EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO  
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IMMEDIATELY. PROPER TREATMENT IS DEPEND ENT ON PATIENT AND AMOUNT INGESTED.

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