

DOD Hazardous Materials Information System  
DoD 6050.5-L  
AS OF July 1998

FSC: 8030  
NIIN: 00N012554  
Manufacturer's CAGE: 07431  
Part No. Indicator: A  
Part Number/Trade Name: ALUMA-SHIELD

223112

=====  
General Information  
=====

Item Name:  
Company's Name: JET-LUBE INC  
Company's Street: 4849 HOMESTEAD ROAD  
Company's P. O. Box: 21258  
Company's City: HOUSTON  
Company's State: TX  
Company's Country: US  
Company's Zip Code: 77226  
Company's Emerg Ph #: 713-674-7617  
Company's Info Ph #: 713-674-7617  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: N  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 002  
Status: SMJ  
Date MSDS Prepared: 10MAR89  
Safety Data Review Date: 04AUG95  
Supply Item Manager:  
MSDS Preparer's Name: D.A. OLDIGES  
Preparer's Company: SAME  
Preparer's St Or P. O. Box:  
Preparer's City:  
Preparer's State:  
Preparer's Zip Code:  
Other MSDS Number:  
MSDS Serial Number: BSXFH  
Specification Number:  
Spec Type, Grade, Class:  
Hazard Characteristic Code: N1  
Unit Of Issue:  
Unit Of Issue Container Qty:  
Type Of Container:  
Net Unit Weight:

Report for NIIN: 00N012554

NRC/State License Number:  
Net Explosive Weight:  
Net Propellant Weight-Ammo:  
Coast Guard Ammunition Code:

=====  
Ingredients/Identity Information  
=====

Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 01  
Percent:  
Ingredient Action Code:  
Ingredient Focal Point: N  
NIOSH (RTECS) Number:  
CAS Number:  
OSHA PEL:  
ACGIH TLV:  
Other Recommended Limit:

Proprietary: YES  
Ingredient: PROPRIETARY  
Ingredient Sequence Number: 02  
Percent:  
Ingredient Action Code:  
Ingredient Focal Point: N  
NIOSH (RTECS) Number:  
CAS Number:  
OSHA PEL:  
ACGIH TLV:  
Other Recommended Limit:

#### Physical/Chemical Characteristics

Appearance And Odor: GRAY COLORED PASTE, PETROLEUM ODOR.  
Boiling Point: 826F, 441C  
Melting Point: N/A  
Vapor Pressure (MM Hg/70 F): <0.01  
Vapor Density (Air=1): >5  
Specific Gravity: SUPP DATA  
Decomposition Temperature: N/K  
Evaporation Rate And Ref: <0.01 (N-BUTYL ACETATE=1)  
Solubility In Water: NONE  
Percent Volatiles By Volume: NONE  
Viscosity:  
pH: N/K  
Radioactivity:  
Form (Radioactive Matl):  
Magnetism (Milligauss):  
Corrosion Rate (IPY): N/K  
Autoignition Temperature:

Report for NIIN: 00N012554

#### Fire and Explosion Hazard Data

Flash Point: 560F, 293C  
Flash Point Method: COC  
Lower Explosive Limit: 0.9%  
Upper Explosive Limit: 7%  
Extinguishing Media: USE FOAM, DRY CHEMICAL, WATER SPRAY (FOG), CARBON DIOXIDE OR VAPORIZING LIQUID-TYPE EXTINGUISHING AGENTS.  
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: NONE

#### Reactivity Data

Stability: YES

Cond To Avoid (Stability): STRONG OXIDIZING MATERIALS.

Materials To Avoid: STRONG OXIDIZING MATERIALS & ZINC REACTIVE COMPOUNDS.  
INCOMPATIBLE W/ACIDS & OXIDIZING MATERIALS.

Hazardous Decomp Products: HYDROGEN, CARBON MONOXIDE, ALDEHYDES, SMOKE & FUMES.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT

#### Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: NO

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: REPEATED SKIN CONTACT FOR PERSONS  
HYPERSENSITIVE TO PETROLEUM PRODUCTS CAN CAUSE REDNESS & IRRITATION OF SKIN.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: REDNESS & IRRITATION OF SKIN.

Med Cond Aggravated By Exp: UNKNOWN.

Emergency/First Aid Proc: INHAL: CLEAR AIR PASSAGE, CALL MD. INGEST: DO NOT  
INDUCE VOMITING; CALL MD. EYES: WASH W/COPIOUS QUANTITIES OF WATER FOR AT  
LEAST 15 MINUTES. SKIN: REMOVE BY WIPING, OR WATERLESS HAND CLEANER,  
FOLLOWED BY WASHING.

#### Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SCOOP UP EXCESS, WIPE UP W/RAGS, PICK-UP  
RESIDUE W/DIATOMACEOUS EARTH TO AVOID WALKING HAZARD.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: CONSULT FEDERAL, STATE & LOCAL REGULATIONS FOR  
PETROLEUM PRODUCTS.

Precautions-Handling/Storing: NORMAL PRECAUTIONS AS W/ANY PETROLEUM  
PRODUCT.

Report for NIIN: 00N012554

Other Precautions: NOT REQUIRED.

#### Control Measures

Respiratory Protection: NOT REQUIRED. NIOSH/MSHA APPROVED RESPIRATOR  
APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: NOT REQUIRED.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APRV CHEMICAL WORKERS GOGGLES (FP N)

Other Protective Equipment: IF HYPERSENSITIVE TO PETROLEUM PRODUCTS BE  
SURE TO WEAR GLOVES.

Work Hygienic Practices: WASH HANDS BEFORE EATING.

Suppl. Safety & Health Data: SPEC GRAV: 1.68 +/- 0.03 (H\*20=1).

#### Transportation Data

Transportation Action Code:

Transportation Focal Point:

Trans Data Review Date:

DOT PSN Code:  
 DOT Symbol:  
 DOT Proper Shipping Name:  
 DOT Class:  
 DOT ID Number:  
 DOT Pack Group:  
 DOT Label:  
 DOT/DoD Exemption Number:  
 IMO PSN Code:  
 IMO Proper Shipping Name:  
 IMO Regulations Page Number:  
 IMO UN Number:  
 IMO UN Class:  
 IMO Subsidiary Risk Label:  
 IATA PSN Code:  
 IATA UN ID Number:  
 IATA Proper Shipping Name:  
 IATA UN Class:  
 IATA Subsidiary Risk Class:  
 IATA Label:  
 AFI PSN Code:  
 AFI Symbols:  
 AFI Prop. Shipping Name:  
 AFI Class:  
 AFI ID Number:  
 AFI Pack Group:  
 AFI Label:  
 AFI Special Prov:  
 AFI Basic Pac Ref:  
 MMAC Code:  
 N.O.S. Shipping Name:  
 Additional Trans Data:

Report for NIIN: 00N012554

=====

Disposal Data

=====

Disposal Data Action Code:  
 Disposal Data Focal Point:  
 Disposal Data Review Date:  
 Rec # For This Disp Entry:  
 Tot Disp Entries Per NSN:  
 Landfill Ban Item:  
 Disposal Supplemental Data:  
 1st EPA Haz Wst Code New:  
 1st EPA Haz Wst Name New:  
 1st EPA Haz Wst Char New:  
 1st EPA Acute Hazard New:  
 2nd EPA Haz Wst Code New:  
 2nd EPA Haz Wst Name New:  
 2nd EPA Haz Wst Char New:  
 2nd EPA Acute Hazard New:  
 3rd EPA Haz Wst Code New:  
 3rd EPA Haz Wst Name New:  
 3rd EPA Haz Wst Char New:  
 3rd EPA Acute Hazard New:

=====

Label Data

=====

Label Required: YES

Technical Review Date: 13AUG93  
Label Date: 03AUG93  
MFR Label Number:  
Label Status: G  
Common Name: ALUMA-SHIELD  
Chronic Hazard: NO  
Signal Word: CAUTION!  
Acute Health Hazard-None:  
Acute Health Hazard-Slight: X  
Acute Health Hazard-Moderate:  
Acute Health Hazard-Severe:  
Contact Hazard-None:  
Contact Hazard-Slight: X  
Contact Hazard-Moderate:  
Contact Hazard-Severe:  
Fire Hazard-None:  
Fire Hazard-Slight: X  
Fire Hazard-Moderate:  
Fire Hazard-Severe:  
Reactivity Hazard-None: X  
Reactivity Hazard-Slight:  
Reactivity Hazard-Moderate:  
Reactivity Hazard-Severe:  
Special Hazard Precautions: FOLLOW PRECAUTION AS WITH ANY PETROLEUM  
PRODUCT. ACUTE:SKIN IRRITANT. CHRONIC:NONE LISTED BY MANUFACTURER.  
Protect Eye: Y  
Protect Skin: Y

Report for NIIN: 00N012554

Protect Respiratory: Y  
Label Name: JET-LUBE INC  
Label Street: 4849 HOMESTEAD ROAD  
Label P.O. Box: 21258  
Label City: HOUSTON  
Label State: TX  
Label Zip Code: 77226  
Label Country: US  
Label Emergency Number: 713-674-7617  
Year Procured: