

SILOO -- 64B LOCK DEICER & LUBRICANT  
MATERIAL SAFETY DATA SHEET  
SILOONSN: 685000D005488  
Manufacturer's CAGE: SILOO  
Part No. Indicator: A  
Part Number/Trade Name: 64B LOCK DEICER & LUBRICANT

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General Information  
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Company's Name: SILOO  
Company's P. O. Box: 2549  
Company's City: WARMINSTER  
Company's State: PA  
Company's Country: US  
Company's Zip Code: 18974  
Company's Emerg Ph #: 215-674-4300  
Company's Info Ph #: 215-674-4300  
Distributor/Vendor # 1: NAPA  
Distributor/Vendor # 1 Cage: 050Q3  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 001  
Status: SE  
Date MSDS Prepared: 01AUG89  
Safety Data Review Date: 16SEP96  
MSDS Preparer's Name: A. B. REED  
Preparer's Company: (MSDS64B)  
MSDS Serial Number: CBRRQ  
Specification Number: UNKNOWN  
Hazard Characteristic Code: F3  
Unit Of Issue: NK  
Unit Of Issue Container Qty: UNKNOWN  
Type Of Container: UNKNOWN  
Net Unit Weight: UNKNOWN

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: ISOPROPYL ALCOHOL (SARA 313)  
Ingredient Sequence Number: 01  
Percent: 98  
NIOSH (RTECS) Number: NT8050000  
CAS Number: 67-63-0  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM/500STEL;9596  
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO  
Ingredient: MINERAL OIL, WHITE  
Ingredient Sequence Number: 02  
Percent: 2  
NIOSH (RTECS) Number: PY8047000  
CAS Number: 8042-47-5  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics  
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Appearance And Odor: COLORLESS LIQUID, ALCOHOL ODOR.  
Boiling Point: 180F,82C  
Melting Point: NA  
Vapor Pressure (MM Hg/70 F): 33  
Vapor Density (Air=1): 2.1  
Specific Gravity: 0.805  
Decomposition Temperature: NP  
Evaporation Rate And Ref: 2.4 (N-BUTYL ACETATE=1)  
Solubility In Water: COMPLETE.  
Percent Volatiles By Volume: 98  
Viscosity: NP  
pH: NP  
Corrosion Rate (IPY): NP  
Autoignition Temperature: NP  
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Fire and Explosion Hazard Data  
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Flash Point: 53.0F,11.7C  
Flash Point Method: TCC  
Lower Explosive Limit: 2  
Upper Explosive Limit: 12  
Extinguishing Media: CO2, DRY CHEMICAL.  
Special Fire Fighting Proc: NONE SPECIFIED BY MANUFACTURER.  
Unusual Fire And Expl Hazrds: NONE.  
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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER. HMIS:AVOID ALL  
IGNITION SOURCES.  
Materials To Avoid: STRONG OXIDIZERS.  
Hazardous Decomp Products: THERMAL-CARBON MONOXIDE AND CARBON DIOXIDE  
Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.  
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Health Hazard Data  
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: NO  
IS VERY IRRITATING. SKIN:DEFATS TISSUE. CHRONIC:DERMATITIS.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: PER MSDS:CHEMICAL LISTED AS CARCINOGEN OR  
POTENTIAL CARCINOGEN:NTP/IARC/OSHA:NO.  
Signs/Symptoms Of Overexp: IRRIT MUCOUS MEMBRANES, EYE. DEFATS SKIN  
TISSUES, DERMATITIS.  
Med Cond Aggravated By Exp: NOT APPLICABLE  
REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NEEDED. EYE:FLUSH W/  
WATER FOR 15MINS. SKIN:WASH W/SOAP/WATER. INGEST:INDUCE VOMITING. CALL  
PHYSICIAN.  
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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: SMALL AMT IN THIS PACKAGE WILL QUICKLY

EVAPORATE. FOR LARGE SPILLS REMOVE ANY SOURCE OF IGNITION, USE ABSORBANT TO PICK UP & PLACE IN DRUMS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS. CHEMS FOUND IN SEC 313 OF EPCRA SARA TITLE III & SUBJ TO RELEASE INVENTORY REPORTING:NONE.

Precautions-Handling/Storing: STORE IN COOL DRY AREA.

Other Precautions: NOT APPLICABLE

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Control Measures  
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Respiratory Protection: NOT APPLICABLE

Ventilation: NOT APPLICABLE. SMALL SIZE OF INDIVIDUAL CONTAINERS NORMALLY DOESN'T REQUIRED ADDITIONAL VENTILATION.IN VERY SMALL (SUP)

Protective Gloves: NA

Eye Protection: SAFETY GOGGLES.

Other Protective Equipment: NOT REQUIRED.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER. HMIS:WASH HANDS AFTER HANDLING.

Suppl. Safety & Health Data: VENTI:VOLUMES OF AIR USE ADDITIONAL VENTILATION.

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Transportation Data  
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Trans Data Review Date: 96260

DOT PSN Code: GJJ

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

DOT Class: 3

DOT ID Number: UN1993

DOT Pack Group: II

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: HIN

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o

IMO Regulations Page Number: 3230

IMO UN Number: 1993

IMO UN Class: 3.2

IMO Subsidiary Risk Label: -

IATA PSN Code: MBV

IATA UN ID Number: 1993

IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. \*

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: MBV

AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

AFI Class: 3

AFI ID Number: UN1993

AFI Pack Group: II

AFI Basic Pac Ref: A7.3

N.O.S. Shipping Name: ISOPROPANOL.

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Disposal Data  
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Label Data  
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Label Required: YES

Technical Review Date: 16SEP96

Label Status: F  
Common Name: 64B LOCK DEICER & LUBRICANT  
Chronic Hazard: YES  
Signal Word: DANGER!  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Fire Hazard-Severe: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: ACUTE:INHAL:IRRIT TO MUCOUS MEMBRANES. EYE:IS VERY IRRITATING. SKIN:DEFATS TISSUE. CHRONIC:DERMATITIS. STORE IN COOL DRY AREA. FIRST AID: IF SYMPTOMS PERSIST CALL PHYSICIAN. INHAL:REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NEEDED. EYE:FLUSH W/WATER FOR 15MINS. SKIN:WASH W/SOAP/WATER. INGEST:INDUCE VOMITING. CALL PHYSICIAN. TARGET SMAL AMT IN PACKAGE WILL QUICKLY EVAPORATE. FOR LG SPILLS REMOVE ANY SOURCE OF IGNITION USE ABSORBANT TO PICK UP & PLACE IN DRUMS. DISPOSE:FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: SILOO  
Label P.O. Box: 2549  
Label City: WARMINSTER  
Label State: PA  
Label Zip Code: 18974  
Label Country: US  
Label Emergency Number: 215-674-4300