

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

FSC: 9150
NIIN: 012743778
Manufacturer's CAGE: 71984
Part No. Indicator: A
Part Number/Trade Name: 33 EXT LOW TEMP BEAR GREASE LIGHT

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General Information
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Item Name:
Company's Name: DOW CORNING CORP
Company's Street: SOUTH SAGINAW ROAD
Company's P. O. Box:
Company's City: MIDLAND
Company's State: MI
Company's Country: US
Company's Zip Code: 48640
Company's Emerg Ph #: 517-496-6000
Company's Info Ph #: 517-496-5900
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#: 001
Status: SMJ
Date MSDS Prepared: 11JUN91
Safety Data Review Date: 13NOV95
Supply Item Manager:
MSDS Preparer's Name: JACK L SHENEBERGER
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: BLXKT
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code: N1
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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

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Ingredients/Identity Information
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Proprietary: NO
 Ingredient: CYCLOTETRASIOXANE, 2,6-DIPHENYLHEXAMETHYL-Z-; (2,6-CIS-DIPHENYLHEXAMETHYL CYCLOTETRASIOXANE)
 Ingredient Sequence Number: 01
 Percent: < 0.02
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: GZ4390000
 CAS Number: 33204-76-1
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: CYCLOTETRASIOXANE, HEPTAMETHYLPHENYL-;
 (HEPTAMETHYLMONOPHENYL-CYCLOTETRASIOXANE)
 Ingredient Sequence Number: 02
 Percent: < 0.3
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: GZ4392000
 CAS Number: 10448-09-6
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: STEARIC ACID, LITHIUM SALT;(LITHIUM STEARATE) PEL: 15 MG/M3
 TDUST; 5 MG/M3 RDUST AS PARTICULATES NOT OTHERWISE REGULATED
 Ingredient Sequence Number: 03
 Percent: 18
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: WI4370000
 CAS Number: 4485-12-5
 OSHA PEL: SEE INGRED NAME
 ACGIH TLV: 10 MG/M3 (STEARATES)
 Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: VERY LITTLE ODOR, GREASE, LIGHT BEIGE-TAN
 Boiling Point: N/A
 Melting Point: N/A
 Vapor Pressure (MM Hg/70 F): < 5
 Vapor Density (Air=1): N/A

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Specific Gravity: 1.05
 Decomposition Temperature: N/K
 Evaporation Rate And Ref: N/A
 Solubility In Water: < 0.1
 Percent Volatiles By Volume: < 5
 Viscosity:
 pH: N/K
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss): N/P
 Corrosion Rate (IPY): N/K

Autoignition Temperature:

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                          Fire and Explosion Hazard Data
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Flash Point: > 250 F, 121 C
Flash Point Method: OC
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: WATER FOG, CO2, DRY CHEMICAL, AND FOAM
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NONE KNOWN TO DOW CORNING.
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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NOT APPLICABLE
Materials To Avoid: OXIDIZING MATERIAL CAN CAUSE A REACTION.
Hazardous Decomp Products: LITHIUM OXIDE, SILICON DIOXIDE, CARBON DIOXIDE,
AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT
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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: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYE: DIRECT CONTACT MAY CAUSE TEMPORARY
DISCOMFORT W/MILD REDNESS & DRYNESS SIMILAR TO WINDBURN. SKIN: A SINGLE
RELATIVELY SHORT EXPOS CAUSES NO KNOWN ADVERSE EFT. SEVERAL RPTD PRLNG
EXPOS (24-48 HRS) MAY IRRITATE. INHAL: IRRITATES RESP PASSAGES & EYES VERY
SLIGHTLY. INGEST: SMALL AMTS TRANSFERRED (EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: HLTH HAZ: TO MOUTH BY FINGERS DURING USE, ETC,
SHOULD NOT INJURE. INGEST LRG AMTS MAY CAUSE DIGESTIVE DISCOMFORT.
COMMENTS: THE CYCLOTETRASILOXANES SHOWN IN INGRED SECTION ARE ESTROGEN-LIKE
CHEMICALS. ANIMAL STUDIES INDICATE ESTROGENS MAY CAUSE CANCER & ADVERSE

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REPRODUCTIVE EFTS AFTER PRLNGD EXPOS TO(SUPP DATA)
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: EYE: IMMEDIATELY FLUSH WITH POTABLE WATER FOR AT
LEAST 15 MIN (FP N). SKIN: WIP OFF AND WASH WITH MILD SOAP AND WATER
SOLUTION OR "WATERLESS" CLEANER. INHAL: REMOVE TO FRESH AIR, SUPPORT
BREATHING. (GIVE OXYGEN OR ARTIFICIAL RESPIRATION) CALL MD IMMEDIATELY (FP
N). INGEST: GET MD IMMEDIATELY (FP N).
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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO
TAKE CARE OF ANY OIL-LIKE RESIDUES.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DOW CORNING SUGGESTS THAT ALL LOCAL, STATE AND
FEDERAL REGULATIONS CONCERNING HEALTH POLLUTIOIN BE REVIEWED TO DETERMINE
APPROVED DISPOSAL PROCEURES. CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL

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QUESTIONS.

Precautions-Handling/Storing: USE REASONABLE CARE.

Other Precautions: USE AT HIGH TEMPERATURES MAY EVOLVE OR GENERATE PHENYLHEPTAMETHYLCYCLOTERA-SILOXANE AND 2,6-CIS-DIPHENYLHEXAMETHYLCYCLOTETRA-SILOXANNE. PROVIDE ADEQUATE VENT TO CONTROL EXPOS WITHIN INGREDIENT GUIDELINES.

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Control Measures
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Respiratory Protection: PERSONNEL SHOULD WEAR NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATORS UNTIL WORKPLACE LEVELS HAVE BEEN DETERMINED.

Ventilation: PROVIDE ADEQUATE VENTILATION TO CONTROL EXPOSURE WITHIN INGREDIENT GUIDELINES.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: EMERGENCY EYEWASH AND DELUGE SHOWER (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: EFTS OF OVEREXP:HIGH DOSE LEVELS. NO INJURY FROM DUSTS SHOULD OCCUR DURING REASONABLE USE. IF USE CREATES RESPIRABLE PARTICLES, SOME RESPIRATORY SYSTEM INJURY MAY OCCUR.

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Transportation Data
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Transportation Action Code:

Transportation Focal Point: N

Trans Data Review Date: 92058

DOT PSN Code: ZZZ

DOT Symbol:

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT Class: N/R

DOT ID Number: N/R

DOT Pack Group:

DOT Label: N/R

DOT/DoD Exemption Number:

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IMO Regulations Page Number: N/R

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IMO UN Number: N/R

IMO UN Class: N/R

IMO Subsidiary Risk Label: N/R

IATA PSN Code: ZZZ

IATA UN ID Number: N/R

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IATA UN Class: N/R

IATA Subsidiary Risk Class: N/R

IATA Label: N/R

AFI PSN Code: ZZZ

AFI Symbols:

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI Class: N/R

AFI ID Number: N/R

AFI Pack Group:

AFI Label: N/R

AFI Special Prov:

AFI Basic Pac Ref:

MMAC Code:

N.O.S. Shipping Name:

Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

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 Disposal Data
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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:

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 Label Data
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Label Required: YES
 Technical Review Date: 13DEC91
 Label Date: 13DEC91
 MFR Label Number:
 Label Status: G
 Common Name: 33 EXT LOW TEMP BEAR GREASE LIGHT
 Chronic Hazard: YES

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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: COMBUSTIBLE. ACUTE: DIRECT CONTACT WITH EYES
 MAY CAUSE TEMPORARY DISCOMFORT. MAY IRRITATE SKIN AFTER SEVERAL EXPOSURES.
 MAY IRRITATE RESPIRATORY PASSAGES. INGESTION OF LARGE AMOUNTS MAY CAUSE
 DIGESTIVE DISCOMFORT. CHRONIC:CYCLOTETRASIOXANES ARE ESTROGEN-LIKE
 CHEMICALS. ANIMAL STUDIES INDICATE ESTROGENS MAY CAUSE CANCER AND ADVERSE
 REPRODUCTIVE EFFECTS.
 Protect Eye: Y
 Protect Skin:
 Protect Respiratory:

Label Name: DOW CORNING CORP
Label Street: SOUTH SAGINAW ROAD
Label P.O. Box:
Label City: MIDLAND
Label State: MI
Label Zip Code: 48640
Label Country: US
Label Emergency Number: 517-496-5900
Year Procured: