

STARRETT L S WEBBER GAGE DIV -- STARRETT M-1 ALL PURPOSE LUBRICANT - CORROSION PREVENTIVE
MATERIAL SAFETY DATA SHEET
NSN: 8030009381947
Manufacturer's CAGE: 64204
Part No. Indicator: A
Part Number/Trade Name: STARRETT M-1 ALL PURPOSE LUBRICANT

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General Information

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Item Name: CORROSION PREVENTIVE COMPOUND
Company's Name: STARRETT L S CO WEBBER GAGE DIVISION
Company's Street: 24500 DETROIT RD
Company's City: CLEVELAND
Company's State: OH
Company's Country: US
Company's Zip Code: 44145-2521
Company's Emerg Ph #: 216-835-0001 OR 508-249-3551
Company's Info Ph #: 216-835-0001
Record No. For Safety Entry: 018
Tot Safety Entries This Stk#: 019
Status: KE
Date MSDS Prepared: 23APR89
Safety Data Review Date: 27OCT94
Supply Item Manager: 75
MSDS Preparer's Name: HENRY FRIEDBERG
Preparer's Company: HENRY R. FRIEDBERG & ASSOCIATES
Preparer's St Or P. O. Box: 216-333-2843
MSDS Serial Number: BFGS
Specification Number: MIL-C-81309
Spec Type, Grade, Class: TYPE 2 CLASS 2
Hazard Characteristic Code: F1
Unit Of Issue: CN
Unit Of Issue Container Qty: 16.0 OZ
Type Of Container: AEROSOL CAN
Net Unit Weight: 0.8 LBS

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: BLEND OF MINERAL SPIRITS
Ingredient Sequence Number: 01
Percent: 80.0
NIOSH (RTECS) Number: DE3030000
CAS Number: 8030-30-6
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: PETROLATUM
Ingredient Sequence Number: 02
Percent: 10.0
NIOSH (RTECS) Number: 1000032PL
CAS Number: 8009-03-8
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: ADDITIVES (PROPRIETARY COMPOSITION)
Ingredient Sequence Number: 03
Percent: 10.0
NIOSH (RTECS) Number: 1000144AD
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: PROPANE
Ingredient Sequence Number: 04
Percent: UNKNOWN
NIOSH (RTECS) Number: TX2275000
CAS Number: 74-98-6
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9394
Other Recommended Limit: NONE SPECIFIED
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Physical /Chemical Characteristics

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Appearance And Odor: AMBER LIQUID; PLEASANT ODOR
Boiling Point: 343F, 173C
Melting Point: UNKNOWN
Vapor Pressure (MM Hg/70 F): UNKNOWN
Vapor Density (Air=1): UNKNOWN
Specific Gravity: 0.788
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: <1 (N-BUTYL ACETATE=1)
Solubility In Water: INSOLUBLE
Corrosion Rate (IPY): UNKNOWN
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Fire and Explosion Hazard Data

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Flash Point: 127F, 53C
Flash Point Method: TOC
Lower Explosive Limit: UNKNOWN
Upper Explosive Limit: UNKNOWN
Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special Fire Fighting Proc: FIREFIGHTER SHOULD WEAR FULL PROTECTIVE
CLOTHING INCLUDING POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: VAPORS ARE HEAVIER THAN AIR; MAY TRAVEL TO
DISTANT SOURCE OF IGNITION AND FLASHBACK.
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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: AVOID
EXPOSURE TO SOURCES OF IGNITION AND STRONG OXIDIZING AGENTS.
Materials To Avoid: STRONG OXIDIZING AGENTS.
PROBABLY CARBON MONOXIDE AND CARBON DIOXIDE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.
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Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: ACUTE: CONTACT CAN CAUSE SKIN AND EYE IRRITATION. INHALATION MAY CAUSE SEVERE RESPIRATORY IRRITATION. INGESTION MAY CAUSE SEVERE GI TRACT IRRITATION. ASPIRATION MAY CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Carcinogeni city - NTP: NO

Carcinogeni city - IARC: NO

Carcinogeni city - OSHA: NO

Explanation Carcinogeni city: NO INGREDIENTS OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs/Symptoms Of Overexp: INHALED: COUGHING, WHEEZING, SNEEZING, SHORTNESS OF BREATH, DIZZINESS, FATIGUE, WEAKNESS. EYES: REDNESS, BLURRED NAUSEA, VOMITING.

Med Cond Aggravated By Exp: UNKNOWN

Emergency/First Aid Proc: IN ALL CASES, GET IMMEDIATE MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. EYE-IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: USE PROPER PERSONAL PROTECTION. ELIMINATE ALL SOURCES OF IGNITION. STOP AND CONTAIN SPILL. PUMP TO SALVAGE OR ABSORB ON INERT MATERIAL. PREVENT RUN-OFF INTO SURFACE WATERS OR SEWERS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DESTROY BY LIQUID INCINERATION AND/OR DISPOSE MATERIAL COLLECTED IN A PERMITTED HAZWASTE LANDFILL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions- Handling/Storing: KEEP FROM STRONG OXIDIZING AGENTS, HEAT & FLAME. DO NOT STORE ABOVE 49C/120F. DO NOT INCINERATE AEROSOL CANS.

Other Precautions: ANY CONTAINER OF THIS MATERIAL WHEN EMPTIED, MAY CONTAIN HAZARDOUS RESIDUES. ALL PRECAUTIONS OF THIS DATA SHEET MUST BE OBSERVED. AVOID CONTACT WITH SKIN AND EYES. DO NOT BREATHE VAPORS AND/OR MIST.

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Control Measures

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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PUBLISHED LIMITS.

Protective Gloves: BUNA-N

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment: IMPERVIOUS CLOTHING INCLUDING BOOTS TO PREVENT PROLONGED OR REPEATED SKIN CONTACT IF NEEDED.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Suppl. Safety & Health Data: MSDS DATED 9/17/84; FLASH POINT OF LIQUID MIXTURE IS 127F/53C (TOC) ITEM TYPE 2 AND CLASS 2.

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Transportation Data

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Trans Data Review Date: 94300
DOT PSN Code: AGC
DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,
DOT Class: 2.1
DOT ID Number: UN1950
DOT Label: FLAMMABLE GAS
IMD PSN Code: AIY
IMD Proper Shipping Name: AEROSOL DISPENSERS
IMD Regulations Page Number: 9022
IMD UN Number: 1950
IMD UN Class: 9
IMD Subsidiary Risk Label: -
IATA PSN Code: ALS
IATA UN ID Number: 1950
IATA Proper Shipping Name: AEROSOLS, 30, *
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
AFI PSN Code: ALR
AFI Prop. Shipping Name: AEROSOLS, FLAMMABLE, N. O. S.
AFI Class: 2.1
AFI ID Number: UN1950
AFI Basic Pac Ref: 6-6
N. O. S. Shipping Name: PETROLEUM DISTILLATE
Additional Trans Data: PSN PER MANUFACTURER'S MSDS.

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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 27OCT94
Label Status: F
Common Name: STARRETT M-1 ALL PURPOSE LUBRICANT
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Slight: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: COMBUSTIBLE! CONTACT CAN CAUSE SKIN & EYE IRRITATION. INHALATION MAY CAUSE SEVERE RESPIRATORY IRRITATION. INGESTION MAY CAUSE SEVERE GI TRACT IRRITATION. ASPIRATION MAY CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. FIRST AID: IN ALL CASES, GET IMMEDIATE MEDICAL ATTENTION. INHALATION- REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. EYE- IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN- WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION- DO NOT INDUCE VOMITING. TARGET ORGANS: CNS, LUNGS, SKIN, EYES.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: STARRETT L S CO WEBBER GAGE DIVISION
Label Street: 24500 DETROIT RD
Label City: CLEVELAND
Label State: OH
Label Zip Code: 44145-2521
Label Country: US

Label Emergency Number: 216-835-0001 OR 508-249-3551