



Shop NAPAonline
Material Safety Data Sheet (MSDS)

Balkamp Lubrigard Anti-SZ 12 oz.

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MATERIAL SAFETY DATA SHEET

Effective Date: none Revision Date: none

Balkamp Lubrigard Anti-SZ 12 oz.

Code: LOC Page: 1

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Section 1 - Product and Company Identification

PRODUCT NAME: Balkamp Lubrigard Anti-SZ 12 oz.

MANUFACTURER'S NAME: EMERGENCY TELEPHONE NUMBER

Loctite Corporation (203)571-5100

Rocky Hill, CT 06067 MISCELLANEOUS INFORMATION

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Section 2 - Hazardous Ingredients

Ingredients CAS No. %

LUBRICANT

Mineral oil 64742-52-5 40-50

Graphite 7782-42-5 10-20

ALUMINUM 7429-90-5 5-15

Mineral oil, petroleum

distillates 64742-53-6 5-15

ALUMINUM OXIDE 1344-28-1 5-10

Hydrotreated heavy naphtha 64742-48-9 5-10

Poly(dimethylsiloxane),

dimethyl 63148-62-9 1-5

Lithium soap 7620-77-1 1-5

SILICA, QUARTZ 14808-60-7 0.1-1

PROPELLANT

BUTANE 106-97-8 5-50

ISOBUTANE 75-28-5 5-50

PROPANE 74-98-6 5-50

Ingredients which have exposure limits

Exposure Limits (TWA) ACGIH OSHA OTHER

Ingredients (TLV) (PEL)

LUBRICANT

Mineral oil 5 mg/m3 mist 5 mg/m3 mist 5 mg/m3 mist
Graphite 2.5 mg/m3 dust, 2.5 mg/m3 dust, None
respirable respirable
ALUMINUM 10 mg/m3 dust 15 mg/m3 dust None
5 mg/m3 respir.
Mineral oil, petroleum
distillates 5 mg/m3 mist 5 mg/m3 mist None
ALUMINUM OXIDE 10 mg/m3 (Al) 15 mg/m3 dust None
5 mg/m3 respir.
Hydrotreated heavy naphtha 5mg/m3 TWA mist 5mg/m3 TWA mist 400 ppm
SILICA, QUARTZ 0.1mg/m3 TWA 0.1mg/m3 TWA None
respirable dust respirable dust

PROPELLANT

BUTANE 800 ppm TWA 800 ppm TWA None
1900mg/M3 1900mg/M3
PROPANE Asphyxiant 1000 ppm None
1800 mg/m3

Exposure Limits (STEL) ACGIH OSHA
Ingredients (TLV) (PEL)

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Section 2 - Hazardous Ingredients - Continued

LUBRICANT

Mineral oil 10 mg/m3 mist None
Mineral oil, petroleum
distillates 10 mg/m3 mist None
Hydrotreated heavy naphtha 10 mg/m3 mist None

PROPELLANT

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Section 3 - Hazards Identification

Toxicity: Skin and eye irritant. May irritate respiratory
tract. Aspiration hazard if swallowed. May cause
dizziness or narcosis in high vapor concentrations
Will cause defatting of skin.
Long term exposure to high concentrations of vapor
may cause lung, liver, or kidney damage. The
solvents listed have been reported to affect the
central nervous system.
Primary Routes of Entry: Ingestion, inhalation, skin
Signs and symptoms
of Exposure: Inhalation: Difficulty in breathing.
Skin: Redness.
Ingestion: Vomiting.
Eyes: Irritation
Existing Conditions

Aggravated by Exposure: Heart disease, respiratory disorders.
Graphite powder: emphysema, asthma.

Literature Referenced Carcinogen
Ingredients Target Organ and Other Health Effects NTP IARC
OSHA

LUBRICANT

Mineral oil IRR NO NO NO
Graphite LUN NO NO NO
ALUMINUM IRR LUN NO NO NO
Mineral oil, petroleum
distillates IRR NO NO NO
ALUMINUM OXIDE IRR NUI NO NO NO
Hydrotreated heavy naphtha No Data NO NO NO
Poly(dimethylsiloxane),
dimethyl IRR NO NO NO
Lithium soap No Data NO NO NO
SILICA, QUARTZ LUN YES 2A NO

PROPELLANT

BUTANE CAR CNS IRR NO NO NO
ISOBUTANE CAR CNS LUN NO NO NO
PROPANE CAR CNS IRR NO NO NO

Abbreviations

2A Probably carcinogenic to humans CAR Cardiac
CNS Central nervous system IRR Irritant
LUN Lung NUI Nuisance dust

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Section 4 - First Aid Measures

Ingestion: Do not induce vomiting. Keep individual calm.
Obtain medical attention. Gastric lavage.
Inhalation: Remove to fresh air. If symptoms persist, obtain
medical attention. Give oxygen.
Skin Contact: Wash with soap and water.
Eye Contact: Flush at least 15 minutes with water. Obtain
medical attention.

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Section 5 - Firefighting Measures

Flash Point: Lubricant: 350 Deg. F Method: Cleveland Open Cup
Propellant: Not available
Recommended
Extinguishing Agents: Water fog, dry chemical, carbon dioxide.
Hazardous Products formed
by Fire or Thermal Decomp Metal vapors; oxides of carbon and aluminum
Unusual Fire or
Explosion Hazards: Heated cans may burst.

Explosive Limits:
(% by volume in air)Lower Aluminum metal: 30%
Butane: 1.9%
Isobutane: 1.8%
Propane: 2.1%
(% by volume in air)Upper Butane: 8.5%
Isobutane: 8.4%

Propane: 9.5%

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Section 6 - Environmental Release Measures

Steps to be taken in case
of spill or leak: Remove sources of ignition. Take up with an inert
absorbent. Store in a closed container until
disposal.

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Section 7 - Handling and Storage

Safe Storage: Store away from heat, spark or open flame.
Store below 120 Deg. F.

(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)

Handling: Keep away from eyes. Avoid prolonged skin contact.
Avoid prolonged breathing of vapors.

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Section 8 - Exposure Controls/Personal Protection

Eyes: Safety glasses or goggles.
Skin: Neoprene or oil resistant plastic gloves. Long
sleeves and long pants.
Ventilation: Provide adequate local ventilation to maintain
vapor concentration below TLV if misting of oil
occurs or compound becomes dry.
Use self contained breathing apparatus when vapor
concentration exceeds TLV.

See Section 2 for Exposure Limits.

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Section 9 - Physical and Chemical Properties

Appearance: Dark grey paste
Odor: Petroleum
Boiling Point: Not available
pH: Does not apply
Solubility in Water: Nil
Specific Gravity 1.1
Volatile Organic Compound
(EPA Method 24) 4.14%; 45 grams per liter (Lubricant only)
(calculated)
Vapor Pressure: Lubricant: Less than 5mm at 80 Deg. F
Propellant: Not available
Vapor Density: 4.0
Evaporation Rate
(Ether = 1) Lubricant: Slower
Propellant: Faster

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Section 10 - Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong oxidizers
Hazardous Decomposition
Products (non-thermal): None

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Section 11 - Toxicological Information

See Section 3.

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Section 12 - Ecological Information

No data available

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Section 13 - Disposal Considerations

Recommended methods of disposal: Do not puncture or incinerate cans. Give cans to licensed disposal service equipped for safe disposal of aerosol containers.

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Section 14 - Transport Information

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Consumer Commodity

Hazard Class or

Division: ORM-D

Identification Number: None

Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml);

Aerosols, flammable n.o.s. (More than 500 ml)

Class or Division: Class 9 (Not more than 500 ml);

Division 2.1 (More than 500 ml)

UN or ID Number: ID 8000 (Not more than 500 ml);

UN 1950 (More than 500 ml)

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Section 15 - Regulatory Information

CA Proposition 65: Not available

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Section 16 - Other Information

Estimated NFPA(R) Code:

Health Hazard: 1

Fire Hazard: Lubricant: 1; Propellant: 4

Reactivity Hazard: 1

Specific Hazard: No water

Estimated HMIS(R) Code:

Health Hazard: 1

Flammability Hazard: Lubricant: 1; Propellant: 4

Reactivity Hazards: 1

Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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