

LILLY INDUSTRIES, INC -- 00215, DRI-SLIDE MULTI-PURPOSE LUBRICANT AERO

=====
MSDS Safety Information
=====

FSC: 9150

NIIN: 00-933-4621

MSDS Date: 06/14/1999

MSDS Num: CKYCC

Product ID: 00215, DRI-SLIDE MULTI-PURPOSE LUBRICANT AEROSOL

MFN: 01

Responsible Party

Cage: UO238

Name: LILLY INDUSTRIES, INC

Address: 411 N. DARLING A
VE.

City: FREMONT MI 49412

Info Phone Number: 616-924-3950

Emergency Phone Number: 616-924-3950

Resp. Party Other MSDS No.: SP CODE 1009A REVISION C-5.1.

=====
Item Description Information
=====

Item Manager: S9G

Item Name: LUBRICANT,DRY

Unit of Issue: BX

Quantitative Expression: 00000000012EA

UI Container Qty: 1

=====
Ingredients
=====

Cas: 64742-88-7

Name: MEDIUM ALIPHATIC SOLVENT NAPHTHA (PETROLEUM)

% low Wt: 60.

% high Wt: 70.

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

Cas: 1317-33-5

RTECS #: QA4697000

Name: MOLYBDENUM DISULFIDE

% low Wt: 1.

% high Wt: 10.

OSHA PEL: 10 MG/M3

ACGIH TLV: 10 MG/M3

Cas: 7782-42-5

RTECS #: MD9659600

Name: GRAPHITE

% low Wt: 1.

% high Wt: 10.

OSHA PEL: 15 MPPCF

ACGIH TLV: 2 MG/M3

ACGIH STEL: NOT ESTAB

LISHED

Cas: 64742-52-5
RTECS #: PY8035000
Name: HYDROTREATED HEAVY NAPHTHENIC DISTILLATE (PETROLEUM)
% low Wt: 5.
% high Wt: 15.
OSHA PEL: 5 MG/M3
ACGIH TLV: 5 MG/M3

Cas: 85595-45-5
Name: OXYGENATED HYDROCARBON CORROSION INHIBITOR
% low Wt: 1.
% high Wt: 10.
OSHA PEL: 5 MG/M3
ACGIH TLV: 5 MG/M3

Cas: 26566-95-0
Name: ZINC DIALKYL DITHIOPHOSPHATE
% low Wt: 1.
% high Wt: 10.
OSHA PEL: 5 MG/M3
ACGIH TLV: 5 MG
/M3

Cas: 68476-86-8
Name: LIQUEFIED PETROLEUM PROPELLANT (PROPANE/ISOBUTANE)
% low Wt: 15.
% high Wt: 25.
OSHA PEL: 1000 PPM
ACGIH TLV: 800 PPM
=====

Health Hazards Data
=====

LD50 LC50 Mixture: NOT PROVIDED
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: CHRONIC HAZARD: HEALTH STUDI

ES HAVE SHOWN THAT MANY
CHEMICALS POSE HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON.
PROLONGED OR REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS HAS BEEN LINKED
TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY
DELIBERATE CONCENTRATION AND INHALATION MAY BE HARMFUL OR FATAL. AS A
PRECAUTION, EXPOSURE TO LIQUIDS OR VAPORS SHOULD BE MINIMIZED.

Signs And Symptions Of Overexposure: DIZZINESS, HEADACHE FROM INHALTION OF
MISTS OR VVAPORS. MAY CAUSE EYE IRRITAT
ION. PROLONGED OR REPEATED CONTACT MAY
CAUSE SKIN IRRITATION.

Medical Cond Aggravated By Exposure: NOT PROVIDED

First Aid: EYE: FLUSH WITH RUNNING WATER FOR 15 MINUTES, HOLDING LID OPEN TO
EXPOSE EYE SURFACE. CONTACT PHYSICIAN. SKIN: REMOVE CONTAMINATED CLOTHING
AND SHOES. WASH WITH MILD SOAP AND WATER, APPLY SKIN CREAM FOR IRRITATION.
INHALATION: REMOVE TO FRESH AIR AT ONCE. APPLY ARTIFICIAL RESPIRATION IF
NECESSARY, CONTACT PHYSICIAN IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING,
CONTACT PHYSICIAN IMMEDIATELY.

=====
Handling and Disposal
=====

Spill Release Procedures: DANGER LEAKING AEROSOLS ARE AN EXTREME FIRE AND
EXPLOSION HAZARD. SMALL LIQUID SPILLS MAY BE TAKEN UP WITH ABSORBENT
MATERIAL.

Waste Disposal Methods: COMPLY WITH ALL APPLICABLE REGULATIONS.

Handling And Storage Precautions: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO
NOT USE OR STORE NEAR OPEN FLAME
OR STRONG OXIDIZERS.

Other Precautions: AVOID BREATHING VAPORS OR MISTS, PROLONGED OR REPEATED SKIN
CONTACT.

=====
Fire and Explosion Hazard Information
=====

Flash Point Method: TCC

Flash Point: =45.6C, 114.F

Autoignition Temp Text: N/D

Lower Limits: N/D

Upper Limits: N/D

Extinguishing Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures: USE SCBA. WATER IS NOT SUITABLE AS AN EXT

INGUISHING

MEDIA, BUT MAY BE USED TO COOL NEARBY CONTAINERS.

Unusual Fire/Explosion Hazard: AEROSOL CONTAINERS MAY BURST WHEN EXPOSED TO TEMPERATURES IN EXCESS OF 120 F.

Control Measures

Respiratory Protection: NONE REQUIRED IN NORMAL USE.

Ventilation: ADEQUATE TO MAINTAIN LEVEL BELOW ESTABLISHED STANDARDS.

Protective Gloves: CHEMICAL RESISTANT

Eye Protection: FACE SHIELD OR SAFETY GLASSES

Other Protective Equipment: NONE REQUIRED FOR NORMAL USE.

Work Hygienic Practices: BASIC GOOD HOUSEKEEPING. WASH HANDS BEFORE EATING OR SMOKING. SMOKE ONLY IN DESIGNATED AREAS.

Physical/Chemical Properties

HCC: V3

Boiling Point: =148.9C, 300.F

B.P. Text: IBP

Vapor Pres: 3@75F

Vapor Density: 4.8

Spec Gravity: 0.85 TYPICAL

Solubility in Water: NO

Appearance and Odor: BLACK SOL

USPENSION, PETROLEUM SOLVENT ODOR - IN AN AEROSOL CAN

Percent Volatiles by Volume: >75%

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS OPEN FLAME

Materials To Avoid: STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED OXYGEN

Hazardous Decomposition Products: VARIOUS UNKNOWN OXIDES INCLUDING THOSE OF CARBON.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE KNOWN

Toxicological Information

Toxicological Information: NOT PROVIDED

Ecological Information

Ecological: NOT PROVIDED

MSDS Transport Information

=====
Transport Information: DOT: ORM-D CONSUMER COMMODITY, IATA: AEROSOLS, FLAMMABLE
N.O.S. (PROPANE/ISOBUTANE), UN1950, 2.1, IMO: AEROSOLS, UN1950, 2.1. NOT A
MARINE POLLUTANT
=====

Regulatory Information
=====

Federal Regulatory Information: NOT PROVIDED

State Regulatory Information: NOT PROVIDED
=====

Other Information
=====

=====
=====
Transportation Information
=====

Responsible Party Cage: UO238

Trans ID NO: 155885

Product ID: 00215, DRI-SLIDE MULTI-PURPOSE LUBRICANT AEROSOL

MSDS Prepared Date: 06/14/1999

Review Date: 01/30/2001

MFN: 1

Tech Entry NOS Shipping Nm: PROPANE/ISOBUTANE

Multiple KIT Number: 0

Unit Of Issue: BX

Container QTY: 1

Additional Data: SHIPPING

INFORMATION SPECIFIED ON MSDS
=====

Detail DOT Information
=====

DOT PSN Code: DTJ

Symbols: D

DOT Proper Shipping Name: CONSUMER COMMODITY

Hazard Class: ORM-D

Label: NONE

Non Bulk Pack: 156,306

Bulk Pack: NONE

Max Qty Pass: 30KGGROSS

Max Qty Cargo: 30KGGROSS

Vessel Stow Req: A
=====

Detail IMO Information
=====

=====
IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o
IMDG Page Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620
=====

=====
Detail IATA Information
=====

IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACIT
Y)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203
=====

=====
Detail AFI Information
=====

AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Ref
erence: A6.3
=====

=====
HAZCOM Label
=====

Product ID: 00215, DRI-SLIDE MULTI-PURPOSE LUBRICANT AEROSOL
Cage: UO238
Assigned IND: Y
Company Name: LILLY INDUSTRIES, INC
Street: 411 N. DARLING AVE.
City: FREMONT MI
Zipcode: 49412
Health Emergency Phone: 616-924-3950
Label Required IND: Y
Date Of Label Review: 01/30/2001
Status Code: A
Year Procured: 2001
Origination Code: F
Eye Protection IND: YES
Skin

Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None

Hazard And Precautions: FLAMMABLE AEROSOL. AVOID HEAT, SPARKS, OPEN FLAME.
INHALATION OF VAPORS MAY CAUSE DIZZINESS, HEADACHE. MAY CAUSE EYE IRRITATION.
PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. CHRONIC HAZARD: HEALTH STUDIES
HAVE SHOWN THAT MANY CHEMICALS POSE HUMAN HEALTH RISKS WHICH MAY VARY FROM
PERSON TO PERSON. PROLONGED
OR REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS
HAS BEEN LINKED TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL
MISUSE BY DELIBERATE CONCENTRATION AND INHALATION MAY BE HARMFUL OR FATAL. AS
A PRECAUTION, EXPOSURE TO LIQUIDS OR VAPORS SHOULD BE MINIMIZED.

=====
Disclaimer (provided with this information by the compiling agencies): This
information is formulated for use by elements of the Department of Defense.
The United States of America in no manner whatsoever expressly or implied
warrants, states, or intends said information to have any application, use or
viability by or to any person or persons outside the Department of Defense
nor any person or persons contracting with any instrumentality of the United
States of America and disclaims all liability for such use. Any person
utilizing this instruction who is not a military or civilian employee of the
United States of America should seek competent professional advice to verify
and assume responsibility for the suitability of this information to their
particular situation regardless of similarity to a corresponding Department
of Defense or other government situation.