

1FID: 00170750  
VER DATE: 1993-11-01

C H E M I S T R I  
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02  
TIME: 19:01:25  
PAGE: 0001

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: DRI-SLIDE MULTI-PURPOSE LUBRICANT AEROSOL

ALL SYNONYMS : D-6-530  
DRI SLIDE HI TEMP  
DRI SLIDE MULTI-PURPOSE LUBRICANT AEROSOL  
DRI-SLIDE  
DRI-SLIDE AEROSOL  
DRI-SLIDE AEROSOL 903  
DRI-SLIDE AEROSOL, 5.25 OZ.  
DRI-SLIDE HI TEMP  
DRI-SLIDE LUBRICANT  
DRI-SLIDE MULTI-PURPOSE LUBRICANT AEROSOL  
DRI-SLIDE 903  
DRY SLIDE  
DSL (CODE)  
DVEL  
EP # 03.047  
EP57100  
E6592  
F105.8  
HMC 174  
HMC# 92-0289  
MULTI PURPOSE LUBRICANT  
MULTI-PURPOSE LUBRICANT (DRI-SLIDE)  
MULTI-PURPOSE LUBRICANT (DRI-SLIDE) 903  
NH629  
SA 345  
SA-345  
SAG 87-2119  
TPW2070  
00903  
0498-0003  
0498-0035  
0498-0201  
100470 (OLD FID)  
1009A (SP CODE)  
1052948  
120202 (OLD FID)  
191210 (OLD FID)  
2670  
6536154  
80-016-500  
903  
970022

SAFE USE CATEGORY AND DESCRIPTION: 03 -SOLVENTS - FLASH POINT: > 100 F

LAST UPDATED DATE: 1998-09-28

MANUFACTURER'S ID (MID): 000556365  
MANUFACTURER'S NAME: LILLY INDUSTRIES/(VALSPAR CORP.)

MANUFACTURER'S MAILING ADDRESS:

411 N. DARLING AVE  
ALSO SEE GMBA #539666  
FREMONT MI 49412  
US

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
001317335	R 1.0000/ 10.0000%	W	MOLYBDENUM SULFIDE
007782425	R 1.0000/ 10.0000%	W	GRAPHITE
026566950	R 1.0000/ 10.0000%	W	Zinc, bis[O-(2-ethylhexyl) O-(2-methylpropyl) phosphorodithioato-S,S']-, (T-4)-
064742525	R 5.0000/ 15.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (severe) HEAVY NAPHTHENIC
064742887	R 60.0000/ 70.0000%	W	Solvent naphtha, petroleum, medium aliph.
068476868	R 15.0000/ 25.0000%	W	Petroleum gases, liquefied, sweetened
085595455	R 1.0000/ 10.0000%	W	OXYGENATED HYDROCARBON CORROSION INHIBITOR

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SECTION 03: HAZARDS IDENTIFICATION  
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PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y  
EYE PRIMARY ENTRY ROUTE INDICATOR = Y  
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y  
INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y  
PRIMARY ROUTES OF ENTRY TEXT: ORAL: NO. INHALATION AND SKIN ABSORB.: YES.

EFFECTS OF OVEREXPOSURE: PROLONGED OR REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS HAS BEEN LINKED TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. AS A PRECAUTION, EXPOSURE TO LIQUIDS OR VAPORS SHOULD BE MINIMIZED.

EFFECTS OF OVEREXPOSURE - SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION.

EFFECTS OF OVEREXPOSURE - EYE: MAY CAUSE EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION: DIZZINESS, HEADACHE FROM INHALATION OF MISTS OR VAPORS.

EFFECTS OF OVEREXPOSURE - INHALATION CHRONIC: INTENTIONAL MISUSE BY DELIBERATE CONCENTRATION AND INHALATION MAY BE HARMFUL OR FATAL.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NOT YET DETERMINED.

ADDITIONAL HEALTH HAZARD DATA: HEALTH STUDIES HAVE SHOWN THAT MANY CHEMICALS POSE HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON.

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SECTION 04: FIRST AID MEASURES  
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EMERGENCY FIRST AID PROCEDURES - SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH MILD SOAP AND WATER, APPLY SKIN CREAM FOR IRRITATION.  
EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH WITH RUNNING WATER FOR 15

MINUTES, HOLDING LID OPEN TO EXPOSE EYE SURFACE. CONTACT PHYSICIAN.  
EMERGENCY FIRST AID PROCEDURES - INHALATION: REMOVE TO FRESH AIR AT  
ONCE. APPLY ARTIFICIAL RESPIRATION IF NECESSARY. CONTACT PHYSICIAN  
IMMEDIATELY.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING.  
CONTACT PHYSICIAN IMMEDIATELY.

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SECTION 05: FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: USE SCBA. WATER IS NOT SUITABLE AS AN  
EXTINGUISHING MEDIA, BUT MAY BE USEFUL FOR COOLING NEARBY CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: AEROSOL CONTAINERS MAY BURST WHEN  
EXPOSED TO TEMPERATURES IN EXCESS OF 120 DEGREES F.

HMIS CODES:

HMIS REACTIVITY CODE = 1

HMIS HEALTH CODE = 2

HMIS FLAMMABILITY CODE = 2

NFPA CODES:

NFPA FLAMMABILITY CODE = 2

NFPA HEALTH CODE = 2

NFPA REACTIVITY CODE = 1

AUTO-IGNITION TEXT: NOT DETERMINED.

FLASH POINT TEMPS: = 114.00F

FLASH POINT METHOD: TCC

FLASH POINT METHOD TEXT: TAGLIABUE CLOSED CUP.

SECTION 5 - OTHER INFORMATION: NFPA NOT YET DETERMINED. UEL AND LEL  
FLAMMABLE LIMITS: NOT DETERMINED. FLAME EXTENSION: >12". FLASHBACK: NO.

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SECTION 06: ACCIDENTAL RELEASE MEASURES

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SPILL OR LEAK PROCEDURES: DANGER!! LEAKING AEROSOLS ARE AN EXTREME FIRE  
AND EXPLOSION HAZARD! REMOVE IGNITION SOURCES, CHECK AREA WITH GAS  
DETECTOR. MOVE LEAKING CANS OUTDOORS AND EMPTY INTO SUITABLE CONTAINER  
BY DEPRESSING VALVE BUTTON. SMALL LIQUID SPILLS MAY BE TAKEN UP WITH  
ABSORBENT MATERIAL.

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SECTION 07: HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINERS CLOSED  
WHEN NOT IN USE. DO NOT USE OR STORE NEAR OPEN FLAME OR STRONG  
OXIDIZERS. AVOID BREATHING VAPORS OR MISTS; PROLONGED OR REPEATED SKIN  
CONTACT.

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SECTION 08: EXPOSURE CONTROLS - PROTECTION

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EYE PROTECTION: FACE SHIELD OR SAFETY GLASSES RECOMMENDED.

RESPIRATORY PROTECTION: NONE REQUIRED IN NORMAL USE, BUT AN EFFECTIVE, NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE USED AT ANY TIME WHEN VAPOR CONCENTRATIONS EXCEED ESTABLISHED STANDARDS.

VENTILATION: ADEQUATE TO MAINTAIN LEVEL BELOW ESTABLISHED STANDARDS.  
LOCAL EXHAUST: YES/RATE >60 FPM (FEET PER MINUTE). MECH.(GENERAL): NO.

WORKPLACE/HYGIENIC PRACTICES: BASIC GOOD HOUSEKEEPING. WASH HANDS BEFORE EATING OR SMOKING. SMOKE ONLY IN DESIGNATED AREAS.

PROTECTIVE GLOVES (SPECIFY TYPE): CHEMICAL RESISTANT.

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

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BOILING POINT TEMPS: = 300.00F

SPECIFIC GRAVITY VALUES: = 0.8500

VAPOR DENSITY VALUES: = 4.8000

VAPOR DENSITY TEXT: (AIR = 1)

VAPOR PRESSURE VALUES/UOM: = 3.0000

VAPOR PRESSURE TEXT: AT 75 DEGREES F.

PERCENT VOLATILE BY VOLUME: > 75.0000

SOLUBILITY IN WATER TEXT: NO.

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NOT APPLICABLE.

APPEARANCE: BLACK SUSPENSION

ODOR: PETROLEUM SOLVENT ODOR.

PHYSICAL STATE: LIQ

SECTION 9 - OTHER INFORMATION: WATER REACTIVE: NO.

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SECTION 10: STABILITY & REACTIVITY

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STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME.

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED OXYGEN.

HAZARDOUS DECOMPOSITION PRODUCTS: VARIOUS UNKNOWN OXIDES INCLUDING THOSE OF CARBON.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: NONE KNOWN.

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SECTION 11: TOXICOLOGICAL INFORMATION

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CARCINOGENICITY: CARCINOGENIC LISTING: NATIONAL TOXICOLOGY PROGRAM (NTP), INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), AMERICAN

CONFERENCE OF GOVERNMENTAL HYGIENISTS (ACGIH): NO.

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SECTION 13: DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHOD: COMPLY WITH ALL APPLICABLE REGULATIONS.

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SECTION 14: TRANSPORT INFORMATION  
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DOT INFORMATION: ID NUMBER: NONE. PRECAUTIONARY LABEL: CARTONS MUST BEAR ORM-D MARKING AND ORIENTATION ARROWS.

SHIPPING NAME: CONSUMER COMMODITY.

HAZARD CLASS: ORM-D

SECTION 14 - OTHER INFORMATION: PACKING GROUP: NONE ASSIGNED. IMO/IATA ID NUMBER: UN1950/UN1950. IMO/IATA HAZARD CLASS: 2.1/2.1. IMO SHIPPING NAME: AEROSOLS. IATA SHIPPING NAME: AEROSOLS, FLAMMABLE N.O.S. (PROPANE/ISOBUTANE). IMO/IATA PRECAUTIONARY LABEL: AEROSOLS STATEMENT/FLAMMABLE GAS DIAMOND. IMO/IATA PACKING GROUP: II/NONE ASSIGNED. IMO PAGE NUMBER: 2102. MARINE POLLUTANT: NO. IN CASE OF TRANSPORTATION EMERGENCY, CALL CHEMTREC 1-800-424-9300.

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SECTION 15: REGULATORY INFORMATION  
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SECTION 15 - OTHER INFORMATION: ALL COMPONENTS ARE EITHER ON OR EXEMPT FROM THE TSCA INVENTORY.

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SECTION 16: OTHER INFORMATION  
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SPECIAL PROTECTION: OTHER CLOTHING/EQUIPMENT: NOEN REQUIRED IN NORMAL USE.

SAFE USE CATEGORY AND DESCRIPTION :

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03 SOLVENTS - FLASH POINT: > 100 F

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :  
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CAS#: 001317335 MOLYBDENUM SULFIDE

REG:

0012,0038,0065

CAS#: 007782425 GRAPHITE

REG:

0003,0012,0017,0019,0038,0039,0061,0063,0065,0084

CAS#: 026566950 Zinc, bis[O-(2-ethylhexyl) O-(2-methylpropyl) phosphoro

REG:

0012,0023,0065

REG BY CATEGORY:

0008,0020,0034,0047,0048,0051,0088,0106,0109,0118

CAS#: 064742525 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (sever

REG: 0012,0107  
REG BY CATEGORY: 0122

CAS#: 064742887 Solvent naphtha, petroleum, medium aliph.

REG: 0012  
REG BY CATEGORY: 0122

CAS#: 068476868 Petroleum gases, liquefied, sweetened

REG: 0012

REGULATORY KEY LIST:

0001	OSHA-PEL	0003	ACGIH-TLV	0004	GM-SPEC CHEM
0005	SUSP CARCIN	0006	EPA HW261.33	0007	EPA HW-APP 8
0008	MCMR	0009	FWPC-SEC 311	0010	EPA PRIORPOL
0011	NY SUBS CONC	0012	TSCA INV	0014	MI AIR POLLU
0015	SUP TAX CHEM	0016	MI HW-ACT 64	0017	CA HAZ SUBST
0018	NY SAN 22.8	0019	MA SUBST	0020	NJ ENV SUBST
0021	TOX ORGANICS	0022	MD CLASS I	0023	MD CLASS II
0024	EPA-ATC-I	0026	EPA-CHEMCONC	0027	WB VERY TOX
0028	WB OTHER TOX	0031	ALLGHNY CTY	0032	IL-RTK
0033	OSHA-HHCL	0034	FLT CRIT IND	0035	GM-AHC
0036	PRO EP TOX	0037	MO SPECIES	0038	MO-RTK
0039	ONT 654-86	0040	ONT DES SUB	0041	SARA312EXHAZ
0042	WI TABLE 1	0043	WI TABLE 2	0047	SARA 313
0048	CERCLASEC103	0049	P-65 CARCINO	0050	P-65 REP TOX
0051	MD CLSI .11	0052	MD CLSI .12	0053	MD CLSII .12
0054	CT 29-1	0055	CT 29-2	0056	CT 29-3
0058	EPA261.33(F)	0059	CA AIR TOX 1	0060	CA AIR TOX 2
0061	PA RTK	0063	PELS REVISED	0064	NPDES-TOXPOL
0065	NJ W&C RTK	0066	CAA HAZ POL	0067	NV HIGH HAZ.
0068	MI 307-CARC	0069	MI 307-NCARC	0070	MICH AIR
0071	CAA602 CLSI	0075	C	0076	D
0078	GREAT LAKES	0080	METALS	0082	EPA 112 (R)
0083	TSCA 8(D))	0084	GM OEG	0085	TSCA-TEST
0087	TSCA 12(B)	0088	NAT. POLL. REL	0089	NY CHEM BULK
0090	GL PERSIST	0091	LAND DISP. - II	0092	UAW/GM AUDIT
0093	TSCA - SPECIAL	0098	DSL - CANADA	0099	NDSL - CANADA
0102	GM 1000M	0103	CAA SEC. 112(R)	0104	CERCLA-HAZWOPER
0105	GLPPP-SPECIFIC	0106	GLPPP-SPECIFIC	0107	PET. DISTILLATE
0109	APPENDIX IX	0110	GLOBAL WARM CMP	0112	RCRA PBT -DRAFT
0113	IARC-GROUP 2B	0116	GMW 3059-RESTR.	0117	GMW 3059-REPORT
0118	T.W. REPORT	0121	HEX CHROME, PB,	0122	ACDM-REPORTING
0123	MDEQ PART 5				

GMBA/PLANT USING THIS FID:

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GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS  
CISCO: 17001;  
STATUS :ACTIVE  
GMBA: 000550760 POWERTRAIN - MORAIN ENGINE  
CISCO: 18087;  
STATUS :ACTIVE

GMBA: 000550796 LAD - LANSING  
CISCO: 19300;  
STATUS :ACTIVE

GMBA: 000550797 CLCD - BUICK CITY ASSEMBLY  
CISCO: 19400;  
STATUS :ACTIVE

GMBA: 000550801 GMPTG - LIVONIA ENGINE PLANT  
CISCO: 19605;  
STATUS :INACTIVE

GMBA: 000550807 DELPHI E - FLINT EAST  
CISCO: 31005;  
STATUS :ACTIVE

GMBA: 000550856 DELPHI C - DAYTON OPER. - WISCONSIN BLVD  
CISCO: 41001;  
STATUS :INACTIVE

GMBA: 000550857 DELPHI C - DAYTON OPER. - NEEDMORE ROAD  
CISCO: 41002;  
STATUS :INACTIVE

GMBA: 000550884 GMTG - PONTIAC EAST ASSEMBLY  
CISCO: 48069;  
STATUS :INACTIVE

GMBA: 000550905 DELPHI E - GRAND RAPIDS PLANT  
CISCO: 58005;  
STATUS :ACTIVE

GMBA: 000550920 GMPTG - SAGINAW MALLEABLE IRON PLANT  
CISCO: 65030;  
STATUS :ACTIVE

GMBA: 000550957 CHEMICAL RISK MANAGEMENT  
CISCO: 89150;  
STATUS :ACTIVE

GMBA: 000550960 GM DESERT PROVING GROUND  
CISCO: 91008;  
STATUS :ACTIVE

GMBA: 000550964 GM TECHNICAL CENTER/ENGINEERING BUILDING  
CISCO: 94003;  
STATUS :ACTIVE

GMBA: 000550965 GMPTG - DENVER VEHICLE EMISSIONS LAB  
CISCO: 94011;  
STATUS :INACTIVE

GMBA: 000550966 GM PROVING GROUND - MILFORD  
CISCO: 94017;  
STATUS :ACTIVE

GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE  
CISCO: 96003;  
STATUS :ACTIVE

GMBA: 000551826 DELPHI CHASSIS SYSTEMS - HOME AVE/VANDAL  
CISCO: 34005;  
STATUS :ACTIVE

GMBA: 000555104 TRUCK PRODUCT CENTER - WEST  
STATUS :ACTIVE

GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE  
STATUS :ACTIVE

GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK  
CISCO: 99004;  
STATUS :ACTIVE

GMBA: 000556990 LANSING CAR ASSEMBLY-CHASSIS  
CISCO: 99009;

STATUS :ACTIVE  
GMBA: 000556992 LANSING METAL FAB DIVISION  
STATUS :ACTIVE  
GMBA: 000557289 GM TECHNICAL CENTER, R & D  
CISCO: 99010;  
STATUS :ACTIVE  
GMBA: 000557375 SPO - CONTRACT HOUSE  
CISCO: 99011;  
STATUS :ACTIVE