

1FID: 00145233  
VER DATE: 1989-06-01

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

DATE: 10/22/02  
TIME: 19:01:24  
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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: LUBRIPLATE AUTO-LUBE A

ALL SYNONYMS : \*42

AUTO-LUBE A  
CN2940  
CN5661  
CN8546  
E1143  
E1156  
FMF-89  
G 016  
GMPD NUMBER 1052196  
HM 6646  
HMC-1501  
LUBRIPLATE A  
LUBRIPLATE AUTO-LUBE A  
LUBRIPLATE LUBRICANT  
LUBRIPLATE 730-2  
SA 2717  
0001633  
0500  
1YR172  
1050109  
1052196  
18021208  
308749 (OLD FID)  
465  
55953HM103  
68848 (OLD FID)  
730  
88C105

MSDS SIGNED BY NAME: ROBERT J. SIBILIA.

MSDS SIGNED BY TITLE: PLANT MANAGER.

SAFE USE CATEGORY AND DESCRIPTION: 04 -METAL WORKING FLUIDS AND  
LUBRICANTS

LAST UPDATED DATE: 1991-05-02

MANUFACTURER'S ID (MID): 000514500

MANUFACTURER'S NAME: FISKE BROTHERS REFINING CO

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 419-691-2491

MANUFACTURER'S MAILING ADDRESS:

1500 OAKDALE AVE  
P.O. BOX 8038, STATION A  
TOLEDO OH 43605  
US

CHEMICAL FAMILY NAME: PRIMARILY PETROLEUM HYDROCARBONS

MOLECULAR FORMULA: CALCIUM SOAP, MINERAL OIL AND ADDITIVES

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
003159624	> 10.0000/ 0.0000%	W	Octadecanoic acid, 12-hydroxy-, calcium salt (2:1)
064742525	> 80.0000/ 0.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (severe) HEAVY NAPHTHENIC
989922746	> 10.0000/ 0.0000%	W	ADDITIVES

THRESHOLD LIMIT VALUE: 5 MG/M3 FOR OIL MIST.

PERMISSIBLE EXPOSURE LIMIT: 5 MG/M3 FOR OIL MIST.

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): N/A

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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 =	N
INHALATION PRIMARY ENTRY ROUTE INDICATOR =	N
INGESTION PRIMARY ENTRY ROUTE INDICATOR =	N

PRIMARY ROUTES OF ENTRY TEXT: SKIN CONTACT.

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

ADDITIONAL HEALTH HAZARD DATA: DOES NOT CONTAIN ANY HAZARDOUS INGREDIENTS AS DEFINED BY OSHA'S FEDERAL HAZARD COMMUNICATION STANDARD 1910.1200.

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SECTION 04: FIRST AID MEASURES  
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EMERGENCY FIRST AID PROCEDURES - GENERAL: IF SPLASHED INTO EYES, FLUSH WITH CLEAR WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN. IF SWALLOWED, AS WITH MINERAL OILS. DO NOT INDUCE VOMITING.

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SECTION 05: FIRE-FIGHTING MEASURES  
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FLAMMABLE LEL: 1.00  
FLAMMABLE UEL: 6.00

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CO2, WATER SPRAY OR FOG.

SPECIAL FIRE FIGHTING PROCEDURES: USE AIR SUPPLIED BREATHING EQUIPMENT FOR ENCLOSED AREAS. COOL EXPOSED CONTAINERS WITH WATER SPRAY. AVOID BREATHING VAPORS OR FUMES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DO NOT MIX OR STORE WITH STRONG OXIDANTS LIKE LIQUID. CHLORINE OR CONCENTRATED OXYGEN.

NFPA CODES:  
NFPA FLAMMABILITY CODE = 0  
NFPA HEALTH CODE = 3  
NFPA REACTIVITY CODE = 1

FLASH POINT TEMPS: 204.00C/ 400.00F  
FLASH POINT TEXT: 400F COC  
FLASH POINT METHOD: COC

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SECTION 06: ACCIDENTAL RELEASE MEASURES

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SPILL OR LEAK PROCEDURES: SCRAPE UP GREASE. ADD AN OIL ABSORBENT TO SPILL AREA. MINIMIZE BREATHING VAPORS. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED SEWERS AND WATER COURSES.

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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 HANDLE OR STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS.

SECTION 7 - OTHER INFORMATION: AVOID BREATHING OIL MIST. REMOVE OIL-SOAKED CLOTHING AND LAUNDRER BEFORE REUSE.

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SECTION 08: EXPOSURE CONTROLS - PROTECTION

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EYE PROTECTION: GOGGLES IF NEEDED.

RESPIRATORY PROTECTION: NORMALLY NOT NEEDED.

PERSONAL PROTECTIVE EQUIPMENT: OIL RESISTANT APRON IF NEEDED.

PROTECTIVE GLOVES (SPECIFY TYPE): IF NEEDED, OIL RESISTANT.

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

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ANALYTICAL VOC WITHOUT WATER: NIL

THEORETICAL VOC WITHOUT WATER: NIL

BOILING POINT TEMPS: > 398.00C/ 750.00F  
BOILING POINT TEXT: >750F

SPECIFIC GRAVITY VALUES: = 0.9800  
SPECIFIC GRAVITY TEXT: =0.98

VAPOR DENSITY VALUES: > 5.0000  
VAPOR DENSITY TEXT: >5  
VAPOR PRESSURE VALUES/UOM: < 0.1000MMHG  
VAPOR PRESSURE TEXT: <0.1 MMHG @20C

PERCENT VOLATILE BY VOLUME TEXT: NIL

EVAPORATION RATE VALUES: < 0.01

EVAPORATION RATE TEXT: <0.01 (N-BUTYL ACETATE=1)

SOLUBILITY IN WATER TEXT: INSOLUBLE

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: N/A

APPEARANCE: TAN GREASE WITH MINERAL OIL ODOR.

PHYSICAL STATE: PAS

PHYSICAL STATE TEXT: PASTE

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SECTION 10: STABILITY & REACTIVITY  
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STABILITY INDICATOR: Y

STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: STRONG OXIDANTS LIKE CHLORINE AND PURE OXYGEN.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM CARBON MONOXIDE IF  
COMBUSTION IS INCOMPLETE. SMALL AMOUNTS OF SO2.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION TEXT: NO

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SECTION 13: DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHOD: ASSURE CONFORMITY TO APPLICABLE DISPOSAL  
REGULATIONS. ABSORBED MATERIAL TO WASTE SITE.

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SECTION 16: OTHER INFORMATION  
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RCRA HAZARDOUS WASTE NUMBER TEXT: NON-HAZARDOUS. NO WASTE NUMBER.

LOCAL EXHAUST: USE TO CAPTURE FUMES AND VAPORS.

SAFE USE CATEGORY AND DESCRIPTION :

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04 METAL WORKING FLUIDS AND LUBRICANTS

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :  
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CAS#: 003159624 Octadecanoic acid, 12-hydroxy-, calcium salt (2:1)

REG:  
0012

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

REG:  
0012, 0107  
REG BY CATEGORY:  
0122

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
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	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: 000550679 SPO - FLINT DIVISIONAL HDQTRS.  
CISCO: 17101;  
STATUS :ACTIVE

GMBA: 000550696 SPO - #19 PORTLAND  
CISCO: 17519;  
STATUS :INACTIVE

GMBA: 000550707 SPO - PHILADELPHIA (BENSALEM)  
CISCO: 17540;  
STATUS :ACTIVE

GMBA: 000550715 SPO - MARTINSBURG  
CISCO: 17550;  
STATUS :ACTIVE

GMBA: 000550741 MCD GROUP - WARREN  
CISCO: 18001;  
STATUS :ACTIVE

GMBA: 000550746 GMPTG - POWERTRAIN ENGINEERING  
CISCO: 18006;  
STATUS :ACTIVE

GMBA: 000550748 GMTG - ARLINGTON ASSEMBLY  
CISCO: 18008;  
STATUS :INACTIVE

GMBA: 000550757 GMPTG - ROMULUS ENGINE PLANT  
CISCO: 18063;

STATUS :INACTIVE  
GMBA: 000550765 PLANT NAME NOT IN CSIS WHO-ID FILE  
CISCO: 18111;  
STATUS :ACTIVE  
GMBA: 000550766 CPC ENGINEERING NORTH  
CISCO: 18113;  
STATUS :ACTIVE  
GMBA: 000550772 GMPTG - FLINT V-8 PLANT  
CISCO: 18192;  
STATUS :ACTIVE  
GMBA: 000550773 CLCD PONTIAC PRESSED METAL  
CISCO: 18200;  
STATUS :INACTIVE  
GMBA: 000550775 CHEVROLET CENTRAL OFFICE  
CISCO: 18501;  
STATUS :INACTIVE  
GMBA: 000550796 LAD - LANSING  
CISCO: 19300;  
STATUS :ACTIVE  
GMBA: 000550797 CLCD - BUICK CITY ASSEMBLY  
CISCO: 19400;  
STATUS :INACTIVE  
GMBA: 000550800 CLCD - CLARK STREET  
CISCO: 19600;  
STATUS :ACTIVE  
GMBA: 000550846 DELPHI H - TUSCALOOSA PLANT  
CISCO: 37008;  
STATUS :INACTIVE  
GMBA: 000550856 DELPHI C - DAYTON OPER. - WISCONSIN BLVD  
CISCO: 41001;  
STATUS :INACTIVE  
GMBA: 000550861 DELPHI C - SANDUSKY PLANT  
CISCO: 42017;  
STATUS :INACTIVE  
GMBA: 000550876 GM TRUCK GROUP-TPC CENTRAL  
CISCO: 48028;  
STATUS :ACTIVE  
GMBA: 000550888 METALFAB - FLINT METAL FAB  
CISCO: 48091;  
STATUS :INACTIVE  
GMBA: 000550890 GM TRUCK GROUP-TPC WEST  
CISCO: 48200;  
STATUS :ACTIVE  
GMBA: 000550892 PLANT NAME NOT IN CSIS WHO-ID FILE  
CISCO: 48701;  
STATUS :ACTIVE  
GMBA: 000550893 PLANT NAME NOT IN CSIS WHO-ID FILE  
CISCO: 48761;  
STATUS :ACTIVE  
GMBA: 000550907 DELPHI E - ENG. CENTER - HENRIETTA  
CISCO: 58007;  
STATUS :ACTIVE  
GMBA: 000550908 AC DELCO SYSTEMS - DIVISIONAL HAZARDOUS  
CISCO: 58011;  
STATUS :ACTIVE  
GMBA: 000550923 GMPTG - DEFIANCE PLANT  
CISCO: 65040;

STATUS :INACTIVE  
GMBA: 000550957 CHEMICAL RISK MANAGEMENT  
CISCO: 89150;  
STATUS :ACTIVE  
GMBA: 000550964 GM TECHNICAL CENTER/ENGINEERING BUILDING  
CISCO: 94003;  
STATUS :ACTIVE  
GMBA: 000550966 GM PROVING GROUND - MILFORD  
CISCO: 94017;  
STATUS :INACTIVE  
GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE  
CISCO: 96003;  
STATUS :INACTIVE  
GMBA: 000551473 DELPHI C - ENG. TECH. CENTER - DAYTON  
STATUS :INACTIVE  
GMBA: 000551865 MANAGEMENT CENTER - WARREN  
CISCO: 85155;  
STATUS :INACTIVE  
GMBA: 000551867 CLCD HEADQUARTERS - TECH CENTER  
STATUS :ACTIVE  
GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK  
CISCO: 99004;  
STATUS :ACTIVE  
GMBA: 000556993 DELTA ENGINE  
STATUS :ACTIVE