

1FID: 00050526  
VER DATE: 1990-03-01

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

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

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: BENTONE MOLY 1  
ALL SYNONYMS : BENTONE MOLY 1  
DELCO REMY GEAR AND SHAFT LUBRICANT  
GEAR AND SHAFT LUBRICANT  
01960954  
1960954  
5327 001  
5327 025

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

LAST UPDATED DATE: 1990-04-02

MANUFACTURER'S ID (MID): 000518674  
MANUFACTURER'S NAME: HEAVY-DUTY LUBRICANTS CO, INC  
MANUFACTURER'S MAILING ADDRESS:  
P.O. BOX 575  
MANTENO IL 60950  
US

CHEMICAL FAMILY NAME: HYDROCARBON

MOLECULAR FORMULA: N/A

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
001302789	U 0.0000/ 0.0000%	W	BENTONITE
001317335	U 0.0000/ 0.0000%	W	MOLYBDENUM SULFIDE
989902688	U 0.0000/ 0.0000%	W	LUBRICANTS

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SECTION 03: HAZARDS IDENTIFICATION  
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PRIMARY ENTRY ROUTE INDICATORS:  
SKIN PRIMARY ENTRY ROUTE INDICATOR = N  
EYE PRIMARY ENTRY ROUTE INDICATOR = N  
INHALATION PRIMARY ENTRY ROUTE INDICATOR = N  
INGESTION PRIMARY ENTRY ROUTE INDICATOR = N

EFFECTS OF OVEREXPOSURE: IRRITATION AND REDNESS TO EYES.

ADDITIONAL HEALTH HAZARD DATA: NONE

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SECTION 04: FIRST AID MEASURES  
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EMERGENCY FIRST AID PROCEDURES - GENERAL: WASH EYES WITH WATER OR  
EYEWASH.

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SECTION 05: FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICAL.

SPECIAL FIRE FIGHTING PROCEDURES: DO NOT DIRECT WATER DIRECTLY INTO FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

NFPA CODES:

NFPA FLAMMABILITY CODE = 0

NFPA HEALTH CODE = 2

NFPA REACTIVITY CODE = 1

FLASH POINT TEMPS: 282.00C/ 540.00F

FLASH POINT TEXT: 540 DEG F COC

FLASH POINT METHOD: COC

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SECTION 06: ACCIDENTAL RELEASE MEASURES

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SPILL OR LEAK PROCEDURES: REMOVE ALL SOURCES OF IGNITION. SHOVEL UP EXCESS AND SWEEP UP REMAINDER WITH FLOOR SWEEP.

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SECTION 07: HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AWAY FROM HIGH HEAT AND OPEN FLAMES.

SECTION 7 - OTHER INFORMATION: PRODUCT SHOULD BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS INTENDED.

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SECTION 08: EXPOSURE CONTROLS - PROTECTION

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EYE PROTECTION: SUFFICIENT TO AVOID DIRECT CONTACT.

RESPIRATORY PROTECTION: NONE

PERSONAL PROTECTIVE EQUIPMENT: NONE

PROTECTIVE GLOVES (SPECIFY TYPE): NONE

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

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BOILING POINT TEXT: NONE

SPECIFIC GRAVITY VALUES: = 0.9000

SPECIFIC GRAVITY TEXT: =0.9

VAPOR DENSITY TEXT: UNKNOWN

VAPOR PRESSURE TEXT: UNKNOWN

PERCENT VOLATILE BY VOLUME TEXT: SLIGHT

EVAPORATION RATE TEXT: UNKNOWN

SOLUBILITY IN WATER TEXT: SLIGHT

APPEARANCE: GRAY OR NEAR BLACK LUBE GREASE WITH SLIGHT CHEMICAL 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: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: DENSE BLACK SMOKE, CO, CO2.

HAZARDOUS POLYMERIZATION INDICATOR: N  
HAZARDOUS POLYMERIZATION TEXT: NO

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SECTION 13: DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHOD: CONTROLLED BURNING IF ALLOWED BY FEDERAL, STATE AND LOCAL LAWS. IF UNABLE TO BURN HAVE REMOVED BY LICENSED WASTE REMOVAL SPECIALISTS.

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#: 001302789 BENTONITE  
REG:  
0012

CAS#: 001317335 MOLYBDENUM SULFIDE  
REG:  
0012,0038,0065

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
0019 MA SUBST	0020 NJ ENV SUBST	0021 TOX ORGANICS
0023 MD CLASS II	0031 ALLGHNY CTY	0032 IL-RTK
0034 FLT CRIT IND	0036 PRO EP TOX	0037 MO SPECIES
0038 MO-RTK	0039 ONT 654-86	0042 WI TABLE 1

0047	SARA 313	0048	CERCLASEC103	0050	P-65 REP TOX
0056	CT 29-3	0058	EPA261.33(F)	0059	CA AIR TOX 1
0061	PA RTK	0063	PELS REVISED	0064	NPDES-TOXPOL
0065	NJ W&C RTK	0066	CAA HAZ POL	0068	MI 307-CARC
0070	MICH AIR	0078	GREAT LAKES	0083	TSCA 8(D))
0084	GM OEG	0085	TSCA-TEST	0087	TSCA 12(B)
0088	NAT. POLL. REL	0089	NY CHEM BULK	0091	LAND DISP. - II
0098	DSL - CANADA	0104	CERCLA-HAZWOPER	0105	GLPPP-SPECIFIC
0106	GLPPP-SPECIFIC	0109	APPENDIX IX	0113	IARC-GROUP 2B
0117	GMW 3059-REPORT	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: 000550821 DELPHI E - ADMIN. BUILDING - ANDERSON  
CISCO: 35001;  
STATUS :INACTIVE

GMBA: 000550827 DELPHI E - PLANT #25 - MERIDIAN  
CISCO: 35014;  
STATUS :ACTIVE

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

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

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

GMBA: 000550977 NAO RESEARCH & DEVELOPMENT CENTER-WARREN  
CISCO: 98003;  
  
STATUS :INACTIVE

GMBA: 000551865 MANAGEMENT CENTER - WARREN  
CISCO: 85155;  
STATUS :INACTIVE

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

GMBA: 000557022 AC DELCO  
CISCO: 99007;  
STATUS :ACTIVE

GMBA: 000557289 GM TECHNICAL CENTER, R & D  
CISCO: 99010;  
STATUS :ACTIVE