

1FID: 00232153
VER DATE: 1989-12-11

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

DATE: 10/22/02
TIME: 19:01:58
PAGE: 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: GOODWRENCH ACCELERATOR LINKAGE LUBRICANT
ALL SYNONYMS : ACCELERATOR LINKAGE LUBRICANT
GOODWRENCH ACCELERATOR LINKAGE LUBRICANT
1052541

MSDS SIGNED BY NAME: ANDREW B. WHITLOCK
MSDS SIGNED BY TITLE: PREPARER

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

LAST UPDATED DATE: 1991-05-02

MANUFACTURER'S ID (MID): 000539666
MANUFACTURER'S NAME: GUARDSMAN PRODUCTS INC
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 231-924-3950
MANUFACTURER'S MAILING ADDRESS:

ALSO SEE GMBA #556365
411 N. DARLING
FREMONT MI 49412
US

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000141231	= 1.5000/ 0.0000%	W	STEARIC ACID, 12-HYDROXY-, METHYL ESTER
025377735	= 1.5000/ 0.0000%	W	SUCCINIC ANHYDRIDE, DODECENYL-
064742525	< 0.0000/ 89.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES , HYDROTREATED (severe) HEAVY NAPH THENIC
064742536	< 0.0000/ 89.0000%	W	MINERAL OIL, PETROLEUM DISTILLATES , HYDROTREATED (severe) LIGHT NAPH THENIC
068037014	= 5.0000/ 0.0000%	W	Hydrogenated polydecene

THRESHOLD LIMIT VALUE: HYDROTREATED PETROLEUM DISTILLATES: 5 MG/M3

PERMISSIBLE EXPOSURE LIMIT: HYDROTREATED PETROLEUM DISTILLATES: 55
MG/M3

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y
EYE PRIMARY ENTRY ROUTE INDICATOR = N
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR = N
PRIMARY ROUTES OF ENTRY TEXT: ORAL, INHALATION, SKIN ABSORPTION

EFFECTS OF OVEREXPOSURE: NO SIGNIFICANT EFFECTS BEYOND MINOR IRRITATION ARE EXPECTED. CHRONIC: HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS AND SYNTHETIC LUBRICANTS POSE HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD BE MINIMIZED

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: EYE CONTACT: FLUSH WITH RUNNING WATER FOR 15 MINUTES, HOLDING LID OPEN TO EXPOSE SURFACE, CONTACT PHYSICIAN. SKIN CONTACT: 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 RESPIRATOR IF NECESSARY, CONTACT PHYSICIAN IMMEDIATELY. INGESTION: DO NOT INDUCE VOMITING, CONTACT PHYSICIAN IMMEDIATELY.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CO2.

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: PRESSURE MAY DEVELOP IN CLOSED CONTAINERS IF OVERHEATED. HMIS RATING: HEALTH=1, FLAMMABILITY=1, REACTIVITY=0.

NFPA CODES:

NFPA FLAMMABILITY CODE =	0
NFPA HEALTH CODE =	2
NFPA REACTIVITY CODE =	1

FLASH POINT TEMPS: 176.00C/ 350.00F

FLASH POINT TEXT: 350F PMCC

FLASH POINT METHOD: PMCC

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: REMOVE IGNITION SOURCES. SALVAGE AS MUCH AS POSSIBLE, SCRAPE UP REMAINDER AND DISPOSE OF IN SUITABLE CONTAINER. ENSURE ADEQUATE VENTILATION AND PROTECTION AGAINST SLIPPAGE.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE OR HANDLE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDIZERS. ALWAYS MAINTAIN ADEQUATE VENTILATION.

SECTION 7 - OTHER INFORMATION: AVOID BREATHING VAPORS OR MISTS; PROLONGED OR REPEATED SKIN CONTACT.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

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.

PERSONAL PROTECTIVE EQUIPMENT: NONE REQUIRED UNDER NORMAL USE CONDITIONS. WORK/HYGIENIC PRACTICES: BASIC GOOD HOUSEKEEPING.

SECTION 8 - OTHER INFORMATION: NONE GENERALLY REQUIRED

PROTECTIVE GLOVES (SPECIFY TYPE): CHEMICAL RESISTANT

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: 371.00C/ 700.00F
BOILING POINT TEXT: 700F IBP

SPECIFIC GRAVITY VALUES: = 0.9000
SPECIFIC GRAVITY TEXT: =0.9

VAPOR DENSITY TEXT: N/A

VAPOR PRESSURE TEXT: NIL

PERCENT VOLATILE BY VOLUME TEXT: NIL

SOLUBILITY IN WATER TEXT: NIL

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

APPEARANCE: DARK BROWN GREASE, PETROLEUM ODOR.

PHYSICAL STATE TEXT: GREASE

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y
STABILITY - CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME.
STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED O₂.

HAZARDOUS DECOMPOSITION PRODUCTS: VARIOUS OXIDES OF CARBON AND OTHER TOXIC CHEMICALS.

HAZARDOUS POLYMERIZATION INDICATOR: N
HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: NONE KNOWN
HAZARDOUS POLYMERIZATION TEXT: NO

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: COMPLY WITH ALL APPLICABLE STATE, FEDERAL AND

LOCAL REGULATIONS.

SECTION 16: OTHER INFORMATION

LOCAL EXHAUST: YES; ADEQUATE TO MAINTAIN LEVEL BELOW ESTABLISHED
STANDARDS; RATE: >60 FPM.

SPECIAL PROTECTION (MECHANICAL): RECOMMENDED
SAFE USE CATEGORY AND DESCRIPTION :

04 METAL WORKING FLUIDS AND LUBRICANTS

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 000141231 STEARIC ACID, 12-HYDROXY-, METHYL ESTER
REG:
0012

CAS#: 025377735 SUCCINIC ANHYDRIDE, DODECENYL-
REG:
0012

CAS#: 064742525 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (sever
REG:
0012,0107
REG BY CATEGORY:
0122

CAS#: 064742536 MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (sever
REG:
0012,0107
REG BY CATEGORY:
0122

CAS#: 068037014 Hydrogenated polydecene
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	0095	FIFRA REG MAT	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	0115	IARC-GROUP 1
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:

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE

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

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

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

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