

1FID: 00141825
VER DATE: 1998-03-01

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

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

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: GM VEHICLE CARE ARMOR ALL PROTECTANT

ALL SYNONYMS : *44

ARMOR ALL PROTECT. 1052919

ARMOR ALL PROTECTANT

ARMOR ALL PROTECTANT (FORMER)

ARMORALL

CHI60

CLEANING COMPOUND

CN5379

CUA: 02-281

CUA: 02-814

ENG01

EP9050

E0628X0002

FBC12A

GM VEHICLE CARE ARMOR ALL PROTECTANT

GOODWRENCH ARMOR ALL PROTECTANT

HM 4781

MILFORD

PROTECTANT

SA 219

SHV0310

SHV0310 ARMOR ALL PROTECTANT, 1052918

THIS MSDS IS OSHA COMPLIANT, FULL TECHNICAL REVIEW IS IN
PROCESS.

TPW639

01-052

100076155

1052918

1052919

1052920

12345073

135

343441 (OLD FID)

5913 001

88C065

SAFE USE CATEGORY AND DESCRIPTION: 06 -ADHESIVES, SEALERS - GENERAL

LAST UPDATED DATE: 1998-03-01

MANUFACTURER'S ID (MID): 000553077

MANUFACTURER'S NAME: CLOROX COMPANY

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 800-446-1014

MANUFACTURER'S MAILING ADDRESS:

1221 BROADWAY, FL 13
OAKLAND CA 94612
US

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000050704	R 1.0000/ 5.0000%	W	GLUCITOL
007732185	R 50.0000/ 60.0000%	W	WATER
063148629	R 30.0000/ 40.0000%	W	SF-96

SECTION 2 - OTHER INFORMATION: FOR ALL INGREDIENTS NO EXPOSURE LIMITS ESTABLISHED.

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): CONTAINS NO CHEMICALS REGULATED UNDER: CERCLA SECTIONS 311, 312, 313 OR 304.

SECTION 03: HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: NON-IRRITATING TO SKIN AND EYES. UNDER NORMAL CONSUMER USE AND CONDITIONS, THE LIKELIHOOD OF ADVERSE HEALTH EFFECTS IS LOW.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: WASH AREA WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

EMERGENCY FIRST AID PROCEDURES - EYES: REMOVE CONTACT LENSES. FLUSH EYES THOROUGHLY WITH PLENTY OF WATER FOR 15 MINUTES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

EMERGENCY FIRST AID PROCEDURES - INHALATION: IF BREATHING PROBLEMS OCCUR. REMOVE TO FRESH AIR.

EMERGENCY FIRST AID PROCEDURES - INGESTION: DRINK A GLASSFUL OF WATER. GET MEDICAL ATTENTION IF EFFECTS OCCUR.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER, WATER FOG, DRY CHEMICAL, FOAM OR CARBON DIOXIDE (CO₂), FIRE EXTINGUISHERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: IF PRODUCT HAS UNDERGONE PARTIAL OR COMPLETE EVAPORATION, MAY BE COMBUSTIBLE.

NFPA CODES:

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

SECTION 5 - OTHER INFORMATION: COMBUSTION: NON FLAMMABLE OR EXPLOSIVE

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: ABSORB AND CONTAINERIZE. WASH RESIDUAL DOWN TO SANITARY SEWER. CONTACT THE SANITARY TREATMENT FACILITY IN ADVANCE TO ASSURE ABILITY TO PROCESS WASHED DOWN MATERIAL. FOR SPILLS OF MULTIPLE PRODUCTS, RESPONDERS SHOULD EVALUATE THE MSDS'S OF THE PRODUCTS FOR INCOMPATIBILITY WITH THIS PRODUCT.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINER CLOSED.
STORE IN COOL, DRY PLACE, AWAY FROM IGNITION SOURCES.

SECTION 7 - OTHER INFORMATION: KEEP OUT OF REACH OF CHILDREN.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

ENGINEERING CONTROLS: USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO
VAPOR OR MISTS.

WORKPLACE/HYGIENIC PRACTICES: WASH HANDS WITH SOAP AND WATER AFTER USE.
AVOID EYE AND SKIN CONTACT AND INHALATION OF VAPOR OR MIST.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: = 100.00C/ 212.00F

SPECIFIC GRAVITY VALUES: = 1.0000

SPECIFIC GRAVITY TEXT: AT 25.0 C

EVAPORATION RATE VALUES: = 0.40

EVAPORATION RATE TEXT: (BUTYL ACETATE = 1)

SOLUBILITY IN WATER TEXT: EASILY SOLUBLE

PH OF PRODUCT AS RECEIVED (NEAT)/VALUE: = 7.0000

APPEARANCE: MILKY, WHITE LIQUID.

ODOR: SLIGHT ODOR

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: STABLE UNDER NORMAL USE AND CONDITIONS

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY: NONE OF THE INGREDIENTS IN THIS PRODUCT ARE ON THE
IARC, NTP OR OSHA CARCINOGEN LIST.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: DOT/IATA/IMO: NOT RESTRICTED

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: TSCA STATUS: ALL INGREDIENTS IN THIS
PRODUCT ARE LISTED ON THE TSCA INVENTORY. // EPA - SARA TITLE III:
PACKAGED PRODUCT IS NOT REPORTABLE UNDER SECTION 311/312.
SAFE USE CATEGORY AND DESCRIPTION :

06 ADHESIVES, SEALERS - GENERAL

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

CAS#: 000050704 GLUCITOL
REG:
0012

CAS#: 007732185 WATER
REG:
0012
REG BY CATEGORY:
0034,0049,0088,0090,0105,0106,0109,0112

CAS#: 063148629 SF-96
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
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:

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

GMBA: 000550776 CHEVROLET CREATIVE SERVICES
CISCO: 18511;
STATUS :ACTIVE

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

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

GMBA: 000550799 ENGINEERING AND DEVELOPMENT CENTER
CISCO: 19550;
STATUS :ACTIVE

GMBA: 000550821 DELPHI E - ADMIN. BUILDING - ANDERSON
CISCO: 35001;
STATUS :ACTIVE

GMBA: 000550830 DELPHI I - ANDERSON PLANT
CISCO: 36001;
STATUS :ACTIVE

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

GMBA: 000550897 GMPTG - WILLOW RUN PLANT
CISCO: 57001;
STATUS :ACTIVE

GMBA: 000550910 DELPHI PACKARD ELECTRIC SYSTEMS GM
CISCO: 60001;
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: 000551424 SERVICE TECHNOLOGY HEADQUARTERS
CISCO: 18400;
STATUS :ACTIVE

GMBA: 000551476 GM PIKES PEAK VEHICLE TEST HDQTRS.
STATUS :ACTIVE

GMBA: 000556053 ADVANCED TECHNOLOGY VEHICLES
STATUS :ACTIVE

GMBA: 000556258 TRUCK GROUP - TECHNOLOGY PARK NORTH
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: 000557289 GM TECHNICAL CENTER, R & D
CISCO: 99010;
STATUS :ACTIVE
GMBA: 000557375 SPO - CONTRACT HOUSE
CISCO: 99011;
STATUS :ACTIVE