

General Motors Corporation Material Safety Data Sheet

September, 1999

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID

TRADENAME: CARBURETOR TUNE-UP CONDITIONER
X66-P
X66-Q
12302500
12302501

SAFE USE CATEGORY AND DESCRIPTION: 03 -SOLVENTS - FLASH POINT: > 100 F
MSDS CREATE DATE: 1985-01-01
LAST UPDATED DATE: 1996-05-07
MANUFACTURER'S ID (MID): 000539666
MANUFACTURER'S NAME: GUARDSMAN PRODUCTS INC
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 616-924-3950
MANUFACTURER'S MAILING ADDRESS:
ALSO SEE GMBA #514360 & 556365
411 N. DARLING
FREMONT MI 49412
US

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#		FORMULATION	W/W	CHEMICAL NAME
000108112	<	0.0000/5.0000%	W	2-PENTANOL, 4-METHYL-
000111762	R	5.0000/ 20.0000%	W	ETHANOL, 2-BUTOXY-
007732185	<	0.0000/1.0000%	W	WATER
008030306	R	35.0000/ 50.0000%	W	BENZIN
064742525	R	1.0000/ 15.0000%	W	MINERAL OIL, PETROLEUM DISTIL- LATES, HYDROTREATED (severe) HEAVY NAPH THENIC

THRESHOLD LIMIT VALUE: ACGIH/TLV: 8030306: 100 PPM // 111762: 25 PPM // 64742525: 5 MG/M3 // 108112: 25 PPM

PERMISSIBLE EXPOSURE LIMIT: OSHA/PEL - 8030306: 100 PPM // 111762: 25 PPM // 64742525: 5 MG/M3 // 108112: 25 PPM

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:
SKIN PRIMARY ENTRY ROUTE INDICATOR = N
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR = N
EFFECTS OF OVEREXPOSURE: HEADACHE, DIZZINESS, NAUSEA FROM INHALATION OF VAPORS. EYE CONTACT OR PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN

SECTION 04: FIRST AID MEASURES

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 SURFACE. CONTACT PHYSICIAN.

EMERGENCY FIRST AID PROCEDURES - INHALATION: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NECESSARY, CONTACT PHYSICIAN IMMEDIATELY.

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

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: ND 0.00

FLAMMABLE UEL: ND 0.00

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: PRESSURE MAY DEVELOP IN CLOSED CONTAINERS IF OVERHEATED.

HMIS CODES:

HMIS REACTIVITY CODE = 2

HMIS HEALTH CODE = 2

HMIS FLAMMABILITY CODE = 2

AUTO-IGNITION TEXT: NOT DETERMINED.

FLASH POINT TEMPS: = 135.00F

FLASH POINT METHOD: TCC

SECTION 5 - OTHER INFORMATION:

NFPA NOT DETERMINED

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: REMOVE IGNITION SOURCES. DIKE AND TAKE UP WITH ABSORBENT MATERIAL, SUCH AS EARTH OR FLOOR DRY. ENSURE ADEQUATE VENTILATION.

SECTION 07: HANDLING AND STORAGE

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

SECTION 7 - OTHER INFORMATION:

AVOID BREATHING VAPORS OR MISTS; PROLONGED/REPEATED 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.

VENTILATION: ADEQUATE TO MAINTAIN LEVEL BELOW ESTABLISHED STANDARDS.

PERSONAL PROTECTIVE EQUIPMENT: NONE REQUIRED IN NORMAL USE.

WORKPLACE/HYGIENIC PRACTICES: BASIC GOOD HOUSEKEEPING.

PROTECTIVE GLOVES (SPECIFY TYPE): CHEMICAL RESISTANT.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: = 212.00F

BOILING POINT TEXT: INITIAL BOILING POINT

SPECIFIC GRAVITY VALUES: = 0.9200

SPECIFIC GRAVITY TEXT: TYPICAL

VAPOR DENSITY TEXT: NOT DETERMINED.

VAPOR PRESSURE VALUES/UOM: < 1.0000MMHG

PERCENT VOLATILE BY WEIGHT TEXT: BY VOLUME: NOT DETERMINED.

SOLUBILITY IN WATER TEXT: NIL

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

APPEARANCE: AMBER LIQUID

ODOR: PETROLEUM ODOR

SECTION 9 - OTHER INFORMATION: WATER REACTIVE: NO

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

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

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS LIKE CHLORINE OR CONCENTRATED OXYGEN.

HAZARDOUS DECOMPOSITION PRODUCTS: VARIOUS OXIDES OF CARBON.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: NONE KNOWN.

SECTION 11: TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS: HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON. PROLONGED OVEREXPOSURES TO OTHER COMPONENTS IN THIS PRODUCT MAY CAUSE A TRANSIENT DECREASE IN RED BLOOD CELL COUNT, AND INCREASED FRAGILITY OF RED BLOOD CELLS. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS, OR FUMES SHOULD BE MINIMIZED.

CARCINOGENICITY: NONE OF THE INGREDIENTS LISTED IN SECTION II ARE LISTED AS CARCINOGENS BY NTP, IARC OR OSHA.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: COMPLY WITH ALL APPLICABLE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: DOT PRECAUTIONARY LABEL/PACKING GROUP: NOT REQUIRED BASED ON DOMESTIC GROUND TRANSPORTATION IN NON-BULK CONTAINERS. PLEASE SEE 49 CFR 173.120(B)(2) AND 173.150(F)(2) FOR DETAILS.

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SHIPPING NAME: NOT REQUIRED BASED ON DOMESTIC GROUND TRANSPORTATION IN NON-BULK CONTAINERS. PLEASE SEE 49 CFR 173.120(B)(2) AND 173.150(F)(2) FOR DETAILS.

HAZARD CLASS: NOT REQUIRED BASED ON DOMESTIC GROUND TRANSPORTATION IN NON-BULK CONTAINERS. PLEASE SEE 49 CFR 173.120(B)(2) AND 173.150(F)(2) FOR DETAILS.

U.N. CODE: NOT REQUIRED BASED ON DOMESTIC GROUND TRANSPORTATION IN NON-BULK CONTAINERS. PLEASE SEE 49 CFR 173.120(B)(2) AND 173.150(F)(2) FOR DETAILS.

SECTION 14 - OTHER INFORMATION:

IMO/IATA ID NUMBER; IMO/IATA HAZARD CLASS; IMO SHIPPING NAME; IATA SHIPPING NAME; IMO/IATA PRECAUTIONARY LABEL; IMO/IATA PACKING GROUP; IMO PAGE NUMBER: NOT DETERMINED // MARINE POLLUTANT: NO // IN CASE OF TRANSPORTATION EMERGENCY, CALL CHEMTREC 1-800-424-9300.

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION:

SARA III - SECTION 313 TOXIC CHEMICAL: 111762

SECTION 16: OTHER INFORMATION

LOCAL EXHAUST: YES. RATE: >60 FPM.

SPECIAL PROTECTION (MECHANICAL): NO