



ElectraMax™

SAFETY SOLVENT DEGREASER and BEARING FLUSH

DESCRIPTION

ElectraMax™ is a highly effective solvent degreaser for the removal of oil, grease, dirt, grime, wax and other soil films from both -metallic and non-metallic surfaces. ELECTRAMAX is a non-flammable spray with a high dielectric strength (33kV), making it safe for use on any electrical equipment, even while in operation.

APPLICATION

Excellent for use on all types of electrical motors, generators, windings, power tools, -relays, circuit breakers, switches and ignition -systems. Also effectively cleans and degreases machinery, gears, pumps, oil and air filters, bearings (bearing flush), parts, meter mechanisms, metal molds, heating and air conditioning equipment, refrigeration equipment, as well as -automotive, locomotive, marine, and aviation engines, parts and equipment. **ElectraMax™** is an extremely safe and efficient cleaning degreaser with the -widest possible range of uses in all types of -industrial, recreational, institutional, marine, agricultural and commercial settings.

OTHER EXCELLENT USES

Sewing Machinery and Equipment • Bread Wrap Machines • Office Machinery • Bowling Equipment • Traffic Signal and Control Boxes • Parking Meters • Time Clocks • Electric Fans • Spot Removal of Oil, Grease and Tar from Fabric and Carpeting.

SPECIAL FEATURES

Highly Effective - provides unequalled degreasing action over widest range of conditions.

High Dielectric Strength - 33kV

Safe - non-flammable, non-conductive, and non-corrosive providing increased staff acceptance and safety. Contains no 1,1,1,Trichloroethane, CFC's or petroleum distillates. Due to high dielectric strength **ElectraMax™** is safe for use on energized electrical equipment.

Residue Free - self-flushing, quick drying, non-staining and leaves no residue,

Versatile - wide range of applications.

Economical - allows degreasing in place without disassembly saving time and therefore lowering labour costs.

USE DIRECTIONS

Spray liberally into and on -equipment until wet. Use tube extension for hard to reach areas. Allow penetration time. Brush to assist penetration where beneficial. Flush rinse dissolved soils with a second application. Air pressure may be used to augment flushing and drying if desired. Equipment should be re-lubricated following cleaning.

NOTE: ElectraMax™ may soften or dull certain types of plastics and paints. Thoroughly test on plastic parts such as push buttons, housings, plastic viewing panels, plastic insulators, typing keys and the like before using product on these parts.

NOTE: For use on non-food contact surfaces only. Do not store in food processing areas.





DMY200114

PHYSICAL PROPERTIES AEROSOL - ELECTRAMAX™ consists of a blend of quality solvents.

Type	Degreaser
Appearance (liquid)	Clear Colourless
Odour	Ethereal Solvent
Viscosity	Water Thin
Flammability	Non-Flammable
Dielectric Strength	33kV
Specific Gravity	1.3 - 1.7
Solubility in Water	Negligible
Toxicity (liquid)	Moderate; Eye and Skin Irritant
Do not ingest	

APPROVALS/CERTIFICATIONS

FOR USE IN INDUSTRIAL, INSTITUTIONAL, COMMERCIAL, MARINE and FOOD PROCESSING ENVIRONMENTS

PACKAGING Aerosol case = 12 x 568g cans



MAXIM TECHNOLOGIES INC.
 1607 Derwent Way, DELTA, B.C. V3M 6K8
 CANADA 604--526-5655

PRODUCT: ELECTRAMAX



Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER MAXIM TECHNOLOGIES INC.
 1607 Derwent Way, DELTA,
 B.C.
 CANADA
 V3M 6K8
 CANUTEC EMERGENCY #:1-613-996-6666(24HR)
 CHEMICAL FAMILY..... CHLORINATED HYDROCARBON.
 CHEMICAL FORMULA..... NOT APPLICABLE.
 FORMULA/LAB BOOK #..... ELECTRAMAX
 MOLECULAR WEIGHT..... NOT APPLICABLE.
 PRODUCT NAME..... ELECTRAMAX
 PRODUCT USES..... CLEANER.

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
1,1,2-TRICHLOROETHYLENE	60-100	50 ppm	79-01-6	7193 mg/kg ORAL-RAT	8450 ppm (4h) RAT-INHAL
ISOPROPANOL	1-5	400 ppm	67-63-0	>4720 mg/kg ORAL - RAT	12000 ppm (8hr) INHAL - RAT
CARBON DIOXIDE	1-5	5000 ppm	124-38-9	NOT APPLICABLE	NOT AVAILABLE

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
 INGESTION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.
 INHALATION..... INHALATION OF SOLVENTS MAY CAUSE IRRITATION. 1,1,2-TRICHLOROETHYLENE:IN
 CONFINED OR POORLY VENTILATED AREAS, VAPOURS WHICH READILY ACCUMULATE CAN
 CAUSE UNCONSCIOUSNESS. PROPELLANT IS A SIMPLE ASPHYXIANT.
 EYE CONTACT..... MAY CAUSE IRRITATION.
 SKIN ABSORPTION..... NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.
 SKIN CONTACT..... MAY CAUSE IRRITATION.
 EFFECTS OF ACUTE EXPOSURE..... 1,1,2-TRICHLOROETHYLENE OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM
 DEPRESSION AND CARDIAC SENSITIZATION. DIZZINESS, NAUSEA. IRRITATION TO SKIN &
 EYES.
 EFFECTS OF CHRONIC EXPOSURE..... SOLVENTS MAY CAUSE DEFATTING DERMATITIS
 EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15
 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND
 WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR.
 IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... 410.
 SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO
 PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE
 EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A
 FIRE INVOLVING THIS MATERIAL.
 FLAMMABILITY..... NOT A FLAMMABLE PRODUCT (AS PER CANADIAN AEROSOL REGULATIONS).
 IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
 EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
 UPPER FLAMMABLE LIMIT..... 52.
 (% BY VOLUME)
 LOWER FLAMMABLE LIMIT..... 7.6.
 (% BY VOLUME)
 EXPLOSION DATA
 SENSITIVITY TO STATIC DISCHARGE..... NOT APPLICABLE.
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.
 HAZARDOUS COMBUSTION
 PRODUCTS..... POSSIBLE PHOSGENE OVER 250 DEG C, CHLORINE GAS, HYDROCHLORIC ACID.
 HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS
 INCOMPLETE.
 AEROSOL FLAME PROJECTION
 CLASSIFIED AS:..... 0 cm.
 FLASHBACK..... NONE.

PRODUCT: ELECTRAMAX**Section 05: FIRE FIGHTING MEASURES**

FLASH POINT(°C),TAG CLOSED-CUP NONE.
(CONCENTRATE)

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

Section 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT..... STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS..... NONE KNOWN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE..... CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE..... IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
EYE/TYPE..... SAFETY GLASSES.
FOOTWEAR/TYPE..... NOT NORMALLY REQUIRED.
OTHER/TYPE..... NOT REQUIRED.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
APPEARANCE..... CLEAR COLORLESS LIQUID.
ODOR..... ETHEREAL.
ODOR THRESHOLD..... NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL..... NOT AVAILABLE.
@ 20 C
BOILING POINT (°C)(CONC)..... 87.
EVAPORATION RATE..... GREATER THAN 1.
n-BUTYL ACETATE = 1
VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.
pH..... NOT APPLICABLE.
SPECIFIC GRAVITY (LIQUID)..... 1.3-1.7.
COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
FREEZING POINT: (°C)..... NOT AVAILABLE.
AEROSOL PERCENT VOLATILE..... 100.
(BY WEIGHT).
SPECIFIC GRAVITY (AEROSOL)..... 1.3-1.7.

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION..... POSSIBLE PHOSGENE OVER 250 DEG C, CHLORINE GAS, HYDROCHLORIC ACID. HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
CHEMICAL STABILITY:
YES..... UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?..... NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:
NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?..... NOT APPLICABLE.
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

Section 11: TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS..... NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE ANTICIPATED.
IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.
SENSITIZING CAPABILITY OF MATERIAL..... CATECHOLAMINE DRUGS.
CARCINOGENICITY:..... YES.
TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY:
MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

PRODUCT: ELECTRAMAX

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.2 (6.1)).
 D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

Section 15: REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,D1B,D2A,D2B.
 CNFC SECTION 3.3.5..... LEVEL 1.
 CEPA (Canadian Environmental Protection Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.
 HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.
 HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
 HMIS RATING PERSONAL PROTECTION..... B.
 NFPA CODE 30B..... LEVEL 1.
 SARA 313 INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:
 CAS #: CHEMICAL NAME:
 *79-01-6 1,1,2-TRICHLOROETHYLENE.
 CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
 WARNING:Studies show when exposed to long periods of high levels of Trichloroethylene may cause liver, kidney, or lung cancer. The International Agency for Research on Cancer (IARC) has determined that Trichloroethylene is "probably carcinogenic to humans." . CAS #: CHEMICAL NAME:
 1,1,2-TRICHLOROETHYLENE . *79-01-6
 TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
 VOC (w/w%)..... <96.

Section 16: OTHER INFORMATION

NOTICE FROM MAXIM TECHNOLOGIES INC..... THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY MAXIM TECHNOLOGIES INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. MAXIM TECHNOLOGIES INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.
 PREPARED BY..... MAXIM TECHNOLOGIES INC.
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