

CORIUM 603 “Back-To-Spec” Electronics Cleaner

Corium 603 “Back-to-Spec” Electronics Cleaner is engineered to be an easy-to-use and highly-effective cleaner for all types of electrical/electronic components and parts. Due to its non-flammable formulation, it is also safe for use while equipment is operating without the need to switch off from power supplies.

SUPERIOR EASE-OF-USE

Corium 603 “Back-to-Spec” Electronics Cleaner will not harm most plastics, is safe to use on all types of metals and penetrates even tight clearances easily. It requires no additional brushing, scouring or scrubbing to loosen and flush off contaminants and dries rapidly.

Unlike many electronics cleaners, Corium 603 “Back-to-Spec” Electronics Cleaner will not leave any residues to contaminate or change the electrical values of newly-cleaned parts and components. Special wettensers reduce the surface tension to enable this product to “wick” and seep into even the tightest fits.

Extra gas pressure is another feature of Corium 603 “Back-to-Spec” Electronics Cleaner, to enable the cleaning stream to consistently flush surfaces with maximum air pressure for superior cleaning effect.

Corium 603 “Back-to-Spec” Electronics Cleaner also features very low odor levels, high dielectric strength and is non-corrosive. It also assists in moisture-removal when applied to moisture-logged parts.

MANY APPLICATIONS

Corium 603 “Back-to-Spec” Electronics Cleaner is highly recommended for cleaning, degreasing or flushing away oxides, burnt-on carbon, varnishing build-up, oil contaminants, etc., from:

- 1) Solenoids & Switches
- 2) Fuse switches
- 3) Printed Circuit Board (PCBs)
- 4) Electric Motors - including windings
- 5) Contacts
- 6) Magnetic heads
- 7) Circuit breakers

- 8) Computer parts, wiring and harnesses
- 9) Clip and socket joints and receptacles
- 10) Relays & contacts
- 11) Wiring splices
- 12) Rheostats & potentiometers
- 13) Generators
- 14) Electric pumps
- 15) Connectors and terminals

TYPICAL TECHNICAL DATA

Boiling Point (Initial)	90°F (32°C)
Flash Point	None
Dielectric Strength	8.7 Kv per 0.1 inch
Specific Gravity (water=1 @ 68°F(20°C))	1.38
Evaporation Rate (butyl acetate=1)	>>1
Surface Tension (dynes/cm @ 71°F(21.6°C))	11.2
Odor	Minimal
Kauri-Butanol (KB) Value	57

HOW TO APPLY

Corium 603 "Back-to-Spec" Electronics Cleaner is simple to use. Just direct the spray at area/component to be cleaned and spray. Short bursts are preferred for economy in use. For difficult-to-access or precision cleaning applications, use the extension tube provided.

MAGNA INDUSTRIAL CO. LIMITED

Total Quality Maintenance

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E-Mail: magna@magnagroup.com Web Site: www.magnagroup.com

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MATERIAL SAFETY DATA SHEET

DATE 01 Aug 2014

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name/Code CORIUM 603

Company Identification

Omega Manufacturing Division,
Magna Industrial Co. Limited,
1801, Guardian House,
32 Oi Kwan Road,
Wanchai, Hong Kong.

Distributor

Alshawi Trading,
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SECTION 2 - HAZARDS IDENTIFICATION

Harmful product

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Wt.%</u>	<u>Classification</u>
1,1-Dichloro-1-fluoroethane	1717-00-6	50-75	N;R59, R52/53
1,1,1,2-tetrafluoroethane	811-97-2	20-38	-
Methyl alcohol	67-56-1	1-3	F;R10 Xn;R20/22

SECTION 4 - FIRST-AID MEASURES

Eye Contact: Flush with plenty of water for at least 15 minutes. Seek immediate medical attention.

Skin Contact: Wash thoroughly with soap and water. Obtain medical attention in case of skin irritation or other cause for concern.

Inhalation: Move patient to open air.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

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SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical, waterfog, foam, sand and carbon dioxide.

Special Protective Equipment for Fire Fighters: Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: At elevated temperature (over 50C) cans may burst, vent or rupture.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spillage: Avoid breathing vapours. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

SECTION 7 - HANDLING AND STORAGE

Do not incinerate containers. Store in place where temperature may not exceed 50°C. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGIH TLV

Dichlorofluoroethane	1000 ppm
1,1,1,2-Tetrafluoroethane	1000 ppm
Methyl alcohol	200 ppm

Eye Protection: Safety goggles and full-face shield

Hand Protection: Rubber or plastic oil resistant gloves.

Ventilation: Use under well ventilated conditions.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid

Odour: Ethereal solvent odour

pH: N.A.

Specific Gravity: 1.230

Vapour Pressure: 517 mmHg @20°C

Boiling Point: 28°C

Melting Point: N.A.

Flash Point: None

Flammability: 0.247 kJ/g

Evaporation Rate: >1 (Ether = 1)

Solubility in Water: Insoluble

SECTION 10 - STABILITY AND REACTIVITY

Stable

Materials to Avoid: Strong oxidizing agents. Metals such as sodium, potassium and barium. Fine powders of light metals and their alloys such Al, Mg, Zn, Ti, etc.

Toxic compounds may form on thermal decomposition. Hazardous combustion products: Carbon dioxide, carbon monoxide, dense smoke and unburned hydrocarbons.

SECTION 11 - TOXICOLOGICAL INFORMATION

There is no lethal dose information available.

Inhalation: Inhalation of vapours can cause irritation of the respiratory tract. Do not breathe spray or vapours.

Skin: May cause irritation, drying and cracking.

Eyes: Cause irritation.

Ingestion: Not a likely route of exposure. If swallowed, may cause irritation in mouth and stomach, thirst, nausea, vomiting, diarrhoea, with possible collapse if large amounts ingested.

Aspiration of material upon vomiting may cause chemical pneumonitis.

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SECTION 12 - ECOLOGICAL INFORMATION

No ecological information is available at present.

SECTION 13 - DISPOSAL CONSIDERATIONS

Comply with all local and national regulations regarding disposal.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name : AEROSOLS, NON-FLAMMABLE (NON-FLAMMABLE GAS).

UN Number: 1950

IATA Class: 2.2, Packing Group: -

IMDG Class: 2.2, Packing Group: -

SECTION 15 - REGULATORY INFORMATION

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SECTION 16 - OTHER INFORMATION

Risk Phrases: R10 - Flammable.

R20/22 – Harmful by inhalation and if swallowed.

R59 – Dangerous for the ozone layer.

R52/53 – Harmful to aquatic organism, may cause long-term adverse effects in the aquatic environment.

S-phrases: S1/2 - Keep locked up and out of the reach of children

S7 - Keep container tightly closed

S16 - Keep away from sources of ignition – No smoking

S23 – Do not breathe gas/fumes/vapour/spray.

S24 - Avoid contact with the skin

S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately

(show label where possible)

S61 – Avoid release to the environment. Refer to special instructions safety data sheet.

Remarks: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.