

## MRO 1024 – H<sub>2</sub>O DISPLAZER

### Electrical grade moisture remover

#### PRODUCT DESCRIPTION

MRO 1024 - H<sub>2</sub>O Displazer has a distinctive formulation of being heavier than water & is also an ultra thin, protective, flexible, non toxic, non flammable, dielectric, inert, electrical grade lubricant cum corrosion inhibitor for displacing water. It improves electrical equipment performance by moisture proofing, salvaging and protecting even if completely submerged or damaged by water.

'MRO 1024 - H<sub>2</sub>O Displazer' forms a clear, thin, non-drying lubricating film that penetrates deep into the minutest crevices to displace trapped moisture and leaves behind a non-conductive protective film to seal out further moisture and corrosion.

#### BENEFITS

- It displaces water from wetted out insulation, electrical and electronic components due to its unique heavier than water formula that seeks water / moisture and displaces it to dry wet electrical systems by its hydrophobic, water repelling action and improves dielectric properties.
- It prevents electrical malfunctions such as flashovers, electrical shorts, leakages, tracking caused due to formation of a conducting film of water over the surface by forming an effective barrier against moisture condensation and humidity.
- Rapidly penetrates to displace trapped water / moisture to dry wet systems and cleans tough build-ups of grease, oil, gum, dirt, grime and contaminants to leave new, clean lubrication
- High performance penetration quickly frees frozen and corroded mating parts
- Safe for use on metals and does not harm plastics, rubbers or other insulation materials
- Contains safe, non flammable CO<sub>2</sub> propellant
- 360° valve allows product to be sprayed in any position.



#### AVAILABLE PACKAGING

500 ml Aerosol Can

#### APPLICATIONS

Use for cleaning, removing moisture, moisture proofing, protection and restoration of electrical equipment such as:

- Busbars
- Circuit breakers
- Electrical connectors
- Fuses
- Generators
- Ignition systems
- Motors
- Potentiometers
- Relays
- Rheostats
- Solenoids
- Starters
- Switch gears
- Transformers

#### DIRECTIONS FOR USE

- For restoring water / flood damaged electrical equipment, clean deposited contaminants such as mud, sludge, dirt, grime thoroughly by flushing or spraying with fresh clean water. Allow water to drain off completely and if needed blow off with air if possible.
- Use 'MRO 1003 – Safety Sol' or 'MRO 1002 – Offline Kleaner' to clean residual contamination not removed by water. Spray liberally over all contaminated surfaces to saturate completely all insulation and metal components. Allow to drain and air dry. Test for compatibility on plastics by checking on a small similar area prior to use.
- Saturate all insulation and metal components with 'MRO 1024 – H<sub>2</sub>O Displazer' by spraying liberally over the entire surface. Remove and allow it to drain. For moisture displacement, spray liberally until in the runoff clear product (amber-pale straw) comes out and white milky emulsified residue is totally clear (foaming type residue disappears).
- Take Megger readings after equipment has drained. If readings are not up to minimum resistance / safe operational levels, REPEAT application. If readings have risen above required levels, equipment is ready for use.
- Spray low voltage areas with 'MRO 1003 – Safety Sol' or 'MRO 1004 – Elektrik Motor Kleaner' to clean any leftover minute contaminants completely. Allow the solvents to fully dry before applying power.

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## Technical Properties

PARAMETER	VALUE
Type	Electrical strength multifunctional lubricant, displaces moisture and corrosion inhibitor
Colour	Reddish brown, translucent
Specific gravity @ 20°C	1.20-1.50 gm/cc (heavier than water)
Flash point - solvent	None
Flash point - residual film	+200°C
Evaporation rate (reference)	Very fast (n, butyl acetate = 1)
Residual film	Inert, self healing, thin, non staining, non toxic, flexible, protective film for sealing out entry of further moisture & corrosion
Vapour density	Heavier than air
Vapour pressure	>air
Type of film	Thin, non drying
Dielectric strength of film	31 KV
Water displacement test	Pass
Solubility	Nil in water
Film corrosion protection	Up to 2 years indoor / Up to 6-12 months outdoor
Special properties	Durable in humid or corrosive atmospheres; guards metal against water, water vapour, chemical fumes, dust and abrasive matter
Suitable for	All metals
Propellant	CO <sub>2</sub>

### HANDLING

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding PPE, safe use, and physical & health hazards. Safety data sheet is available from MRO INFRA or your local MRO INFRA Channel Partner.

### DISPOSAL

All used and unused product should be disposed of in accordance with state regulations.

### SHELF LIFE

24 months from date of manufacture

### LIMITED WARRANTY

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended MRO INFRA product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.

### CAUTION

Contains flammable solvents. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.