

Product Information

Moisture-Protector-and-Water-Defender (MPWD)

The Best Humidity And Corrosion Protection On The Sea.
Essential Protection Against Water, Wind And Waves.

On plain sea ships and boats must resist moisture, humidity and corrosion at all times. With **Moisture-Protector** short circuits and total failure of electricity is past now. Neither hobby- sailor, fishing cutter, tugboat, ferries, motor- or electro boats or containerships, parts treated with **Moisture-Protector** like bilge pump, illumination, motors, and other electric devices will be protected.



With that **Moisture-Protector** fulfils three requirements establishing its market- and innovation leadership:

1. It protects electric and electronic devices from humidity and moisture.
2. It guarantees the electric conductance of plugs and contacts, even when they have been exposed to water, without short circuiting. Also, the functionality of electric parts and parts of electric devices will be protected.
3. It protects perfect against corrosion.

Moisture-Protector Can Be Used At Any Place Were,

- Moisture, damp, humidity, condensate water or flooding has caused trouble and/or damage to metal, mechanic, electric or electronic parts or facilities or already has.
- Metal, mechanic, electric or electronic devices have to be protected properly against moisture and its collateral damages like corrosion, rust, squeaking or sluggishness.
- Current leaks have to be prohibited
- Electronic contacts should be restored, and failures caused by humidity should be removed.

The Main Properties

- **Moisture-Protector** protects metal parts, mechanical, electrical and electronic devices and parts against damage caused by moisture and humidity.
- **Moisture-Protector** brings back functionality to already wet or flooded devices and reduces idle times.
- **Moisture-Protector** can be used as a protective or a preventive measurement as well as repair or immediate help.
- **Moisture-Protector** prolongs the functionality of electric and electronic devices in an aggressive environment.
- **Moisture-Protector** prevents effective against corrosion and damages caused by corrosion.
- **Moisture-Protector** also removes dirt. By this cleaning ability current leaks will be prevented.
- **Moisture-Protector** removes due to its very good lubricating abilities squeaking or sluggishness.
- **Moisture-Protector** reacts neutral against normal plastics, glass, paints, ceramics, brass, alumina, inox, steel, metals in general, fabrics.
- **Moisture-Protector** is resin-, silicone-, Teflon-, and acrylic free.
- **Moisture-Protector** is insensitive against surfactants but can be removed with brake cleaner or PCB cleaner.
- **Moisture-Protector** does not mix with water and also does not emulsify.
- **Moisture-Protector** is not sensitive to temperature and will be fully operative between -20 und +130°C.
- **Moisture-Protector** keeps flexible due to its oily consistence and is therefore an ideal corrosion protection for flexible parts.

Sizes Available

Moisture-Protector is distributed in the following sizes:

- Custom: 20ml to 1,000L IBC
- Plastic Containers or Aerosol Cans

Subject to Min Order Requirements once applied, **Moisture-Protector** can last up to two years depending on mechanical or chemical abrasion.

Moisture-Protector Is Easy To Use:

Spray can: shake well and spray the parts to be protected. wait 5 – 10 minutes until the protection has established.

Technical Specifications

Composition: Preparation of highly refined mineral oils, inhibitors, complexing and auxiliary materials, corrosion protection additives, antioxidants, dewatering additives, metal deactivator, paraffinic and naphthenic hydrocarbons.

Physical and Chemical

Spray Cans:	Propellant: propane / butane.
Shape:	Aerosol
Color:	Brownish
Ignition:	> 250 °C
Lower Explosion Limits:	0,6 Vol.-%
Upper Explosion Limits:	10,9 Vol.-%
Solubility In Water:	not miscible
Density at 20 °C:	0,6 g/ml
Penetrating:	Extremely high

Does not contain polycyclic hydrocarbons nor fluorine or chlorine hydrocarbons.

Current Leak:

Current leak is an unwanted electric current which running up at the surface of an electric part due to insufficient isolation. Current leak occurs due to moisture or dirt on the surface. Current leaks can be prevented by a high surface resistivity.

Water Displacement:

100 % in 25 seconds. In water splash test clearly superior to all other tested products (weapons oil, preservatives oils, multi-functional oils, contact sprays, etc.).

Corrosion Protection:

According to salt spray test DIN 50021 (5 cycles á 24 hours) with untreated test metal sheets showed no corrosion on the substrates.

