



VAPOR-TEK LIMITED

Fairclough Street, Bolton BL3 2AF
England. Telephone: (01204) 521795
Fax: (01204) 364576
E-mail - info@vapor-tek.co.uk

Surface Treatments • Corrosion Preventives • Chemical Products
Ministry of Defence Approved Manufacturers & Stockists.

PRODUCT PROFILE

AQUAVAP - SOLVENT FREE CORROSION PREVENTIVE.

- Double Action Contact And Vapour Phase Corrosion Preventive.
- Clean
- Low Toxicity
- No Solvent Vapours
- Easily Removed With Water
- Low Odour
- Non-Flammable

Aquavap functions in a similar fashion to Vaporol VPI (Vapour Phase Inhibitor) oil. It is a user 'friendly' product and consists of a combination of contact and vapour-phase corrosion inhibitors. Aquavap is different from Vaporol in that it is water based and contains no oil, solvents or other harmful materials. It is non-hazardous and is outside the scope of the Volatile Organic Compounds (VOC) emission regulations of the Environmental Protection Act.

Aquavap protects in two ways: by direct contact with metal parts which have been coated by brush, dip, spray, etc and dried; and by the inhibitor vapours which are slowly released from the coating or the liquid as supplied.

It should be noted that the vapours can only function if they are appropriately confined inside a suitable container, package, or other closed system to allow the concentration of inhibitor vapours to build up to the required level.

Aquavap, through its vapour action, enables remote, otherwise inaccessible areas not contacted by the liquid to be protected without the need to coat parts. The protective can be sprayed, fogged or flooded into such items as packing cases, tanks, pressure vessels, tubing, metal sections, etc which can be capped or wrapped to retain the vapours.

When used as a surface coating, it is important to note, that superior protection is achieved where parts can be coated and dried. This method is recommended for the protection of small items prior to packing. The coating is almost undetectable and does not detract from the appearance of the product. It generally does not have to be removed when the parts are put into service, but if removal is required, a simple water wash is sufficient – solvents are unnecessary.

Aquavap as supplied, or diluted with water, is suggested for the testing of pumps, valves, hydraulic systems, pressure vessels, tanks, heat exchangers, etc. The combined contact and vapour action will prevent the subsequent corrosion both below the level of the (unavoidably) retained liquid and in the vapour space above (no need to dry out).



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AQUAVAP CONCENTRATE.

Typical Properties

Appearance	: Pale yellow liquid
Specific Gravity	: 1.03
Flash point	: Non-flammable
Viscosity (20c)	: 12 mPa.S
Dry Film Thickness	: 7 – 8 microns
‘Dry’ Film Weight	: 7 – 8 grammes/metre square
Coverage	: 60 – 70 square metres per litre
Film Type	: Soft, Flexible
Solubility in Water	: Completely miscible
pH (10% in Water)	: 7.0 approx (neutral)
Acid Number	: 119
Removal	: Water wash

NOTE: Dependant upon application, Aquavap concentrate can usually be diluted with water up to three times.