



FIRE ECO HAZARD PREVENTION CONTROL SUPPRESSION

MANTEQ

Water-based Bioversal oil-cleaning agents are the new standard for cleaning in the industrial and cleaning-service sectors.

These revolutionary agents sharply accelerate the biodegradation of pollution. This unique characteristic makes them powerfully effective, safe and environmentally friendly. The products themselves are also highly biodegradable, surpassing the highest OECD standard (OECD 301). Following completion of the biodegradation process, only CO₂ and water are left behind. This means that Bioversal oil-cleaning agents are not harmful to the natural environment. Thanks to their environmentally-friendly composition, they can be discharged without problems into a biological water-treatment plant. They will even accelerate biodegradation there.

MANTEQ has been specially developed for various manual cleaning operations in the industrial and professional-cleaning sectors.

MANTEQ is water-based and non-flammable, non-toxic, non-irritating and non-corrosive. It releases no harmful vapors in use. MANTEQ has been approved in dermatological testing and meets the highest occupational health and safety standards of any government. This ensures maximum industrial safety for users.

The standard MANTEQ product is a powerful, pH-neutral cleaner, suitable for all materials and surfaces. Its unique characteristics make MANTEQ an outstanding solution for cleaning tasks in the open air, where the burden on the environment must be as low as possible.

Special MANTEQ variants are available for more specific problems, such as the removal of rust, scale and other stubborn contaminants. All MANTEQ oil-cleaning agents are derived from the unique basic product, thus fully retaining their environmentally-friendly characteristics. All MANTEQ variants are listed in the table overleaf. The qualities of MANTEQ show off to best advantage with use of Bioversal's (mobile) TWIN REACTOR SYSTEM for cleaning waste water destined for recycling or discharge.

 **Bioversal**
in association with nature
Advanced Bio-Technology Applications



Oil cleaning agent for high performance industrial cleaning. Water-based agents for de-oiling and degreasing.

- ⊗ **Highly effective**
- ⊗ **Highly biodegradable**
- ⊗ **Accelerates the biodegradation of oil**

Composition

Aqueous combination of detergents, polyvalent compounds and hetero-organic substances.

For safety guidelines see material safety data sheet. For technical information see technical data sheet.

Instructions

Dilute MANTEQ with water and apply by using brush, scrubber, cloth, sponge etc. Ensure sufficient agitation. Rinse thoroughly with water.

Store between +0°C - +50°C in sealed container. Shelf-life > 5 years in sealed container. Water hazard classification 1 (concentrate).

UBA-Nr.: 20780016 / Product-Nr.: MA112
Continuous quality control / Made in the EU



Name	pH-value	Application	Product description
			All Manteq products are suitable for manual use
MANTEQ	ca. 7	2%-20%	pH-neutral agent for cleaning, de-oiling and degreasing any surface or material.
MANTEQ PLUS	ca. 7.5	2%-20%	Agent enhanced with readily available phosphate for intensive cleaning, de-oiling and degreasing of metallic surfaces or materials.
MANTEQ EXTRA	ca. 8.5	2%-20%	MANTEQ with temporary corrosion protection for cleaning, de-oiling and degreasing. For use on oxidizable metallic surfaces or materials.
MANTEQ FORCE	ca. 12	2%-20%	Enhanced MANTEQ with temporary corrosion protection for cleaning, de-oiling and degreasing. Specially for strongly adhering contaminants on oxidizable metallic surfaces or materials.* *do not apply on Al, Mg, Zn, Sn, Pb and alloys of these materials.
MANTEQ SPECIAL	ca. 7	1%-4%	pH-neutral agent for ecological cleaning and elimination of oil spills and oil residues on road surfaces. MANTEQ SPECIAL can be used manual or with (high-)pressure equipment.
MANTEQ SUPER	ca. 7	2%-20%	pH-neutral agent for de-oiling, degreasing and cleaning adhering contaminants from various surfaces and materials. Can be used on oil-crusts, fats, heavy fuel oil, wax, colophonium, adhesives etc.
MANTEQ ULTRA	ca. 11	2%-20%	Powerful agent for de-oiling, degreasing and cleaning strongly adhering contaminants from various surfaces and materials.* Can be used on oil-crusts, fats, heavy fuel oil, wax, colophonium, adhesives etc. *do not apply on Al, Mg, Zn, Sn, Pb and alloys of these materials.
MANTEQ TOP	ca. 3	2%-20%	Acidic agent for cleaning, de-oiling, degreasing and decalcifying various surfaces and materials. Can be used on tiles, baths, showers, swimming pools, armatures, installations, tanks, water cooling systems, machines, equipment, tools etc.
MANTEQ FIT	ca. 2	2%-20%	Powerful acidic agent for intensive decalcifying, de-rusting and de-oiling various surfaces and materials. Can be used on water pipelines, water cooling systems, air conditioning systems, swimming pools, basins, machinery, sanitary facilities, ships etc.



Bioversal® is also the designation for a series of high-quality oil-cleaning agents. All these products are composed of environmentally safe biochemical ingredients and accelerate the biodegradation of pollution with the assistance of the microorganisms that occur everywhere in nature. It is exactly because of this environmentally-friendly approach that the cleaning process is so highly effective.



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