



Product Data Sheet

MicroClean Ultra

Overview

An advanced, highly water dilutable product for use in cleaning and degreasing a variety of non-porous surfaces found on and in rail rolling stock and road vehicles. Ideal for use in engine and machine parts cleaning, filter cleaner, as well as being an all-in-one workshop degreaser. As a 'quick split' formulation this product, combined with its low usage rate means it has a minimal effect on oily water separator performance

Product Description

MicroClean Ultra is a micro-emulsion formulation and combines bio-based surfactants with naturally occurring plant esters. The result is a highly water dilutable cleaner that includes the benefits both of excellent detergency (surfactant) and the *pseudo*-solvent action of the ester (alcohol/acid).

The formulation is readily biodegradable and with an excellent environmental profile. It is also non-corrosive to skin and does not require assignment of a UN/ADR number. The formulation also includes ingredients that actively reduce redeposition of oils.

The micro-emulsion is effective immediately upon application. When highly diluted (in interceptors of other waste water) or after prolonged holding, the emulsion breaks and the oils split out cleanly without leaving an emulsion interface.

Ideal single degreaser for engines, machine parts, filter disc and elements (manual or soak/sonicating bath), separators, track and hard standing*

**for porous surfaces such as concrete it is recommended to use Rumexo OilOff, a bioremediation product.*

Features and Benefits

Features	<ul style="list-style-type: none">• Aqueous, water-dilutable formulation• Combination of bio-based detergents, esters and sequesterants• Highly effective against a wide range of hydrocarbon soils but also quick breaking in the bilge or oily waste tank• Contains no VOCs, solvents or phosphates• All ingredients are highly biodegradable
Benefits	<ul style="list-style-type: none">• Unique and powerful degreaser for solubilisation and removal of any oil from non-porous surfaces• Spray on, wipe off formulation• Low volume of product required for effective clean compared to standard machine parts cleaners.• Multi-purpose degreaser for all non-porous surfaces, thus replacing the need for several products• Low cost in use• Non-corrosive to skin• Quick splitting: No interface emulsion• Promotes efficient interceptor performance resulting in reduced volume of oily waste requiring disposal

Application/Directions for Use

General Hard (non-porous) Surface Use

For heavy soiling:

Mix 1 part MicroClean Ultra with 19 parts water (1/20 dilution) * in a trigger spray bottle. Spray the soiled surface and allow to stand for approximately 5 minutes. Wipe off with a suitable cloth. For stubborn deposits agitate with a stiff brush before wiping. Do not rinse and avoid allowing liquid to run into the bilge.

For light soiling:

Repeat as above, but it should be possible to wipe off with just a few seconds contact.

**In some circumstances, it might be preferable to dilute to 1 part MicroClean to 39 parts water (1/40)*

Pressure Washer on (non-porous surface)

If supplying from a mixing tank, Mix 1 part MicroClean Ultra with 39 parts water (1/40). Alternatively, set the auto-dosing to 1/40. Spray the soiled surface using a pressure of between 120-250 Bar (1740-3626 psi) pressure.

Oily Water Separators (OWS) and Interceptors

Secure discharge valves of OWS. Calculate the volume of separator, add approximately 1/20th of the total volume of MicroClean Ultra. Circulate through the system for up to 24hrs. Allow to stand and empty contents as usual. Do not over dose or under dilute the product for this application

Soak bath, machine parts washers and sonicating baths

Dilute MicroClean Ultra to between 1/4 to 1/20 dependent upon the applications (refer to the manufacturer's instructions

2x5 litre case
20 litre jerry cans.



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