# MICROCLEAN PLUS

An advanced, highly dilutable product for use in cleaning and degreasing a variety of non-porous surfaces found in ships, offshore structures, oil wells, engineering workshops etc. An ideal grease removing product with many applications where there is a build-up of oil and grease, whether is in hydrocarbon, synthetic, mineral or vegetable based.

## Product Description

Microclean Plus is a highly versatile micro-emulsion cleaner that blends bio-based surfactants with naturally derived plant esters. This formulation delivers excellent detergency along with pseudo-solvent action, making it effective against oils, grease, & other contaminants. Its immediate action begins upon application and ensures deep cleaning across various surfaces without the need for harsh chemicals.

Readily biodegradable and environmentally safe, Microclean Plus is non-corrosive to skin and surfaces, does not require a UN number for shipping, and minimizes environmental impact. It is suitable for manual cleaning, pressure washing, and immersion systems, offering cost-effective performance for both routine and intensive cleaning.

A unique feature of Microclean Plus is its ability to break emulsions—allowing oil to separate cleanly upon dilution or standing, which aids in waste recovery and simplifies disposal. It's ideal for marine use including degreasing engine rooms, cleaning tanks, filters, and separators, and is also safe for general-purpose cleaning in kitchens, workshops, and crew areas.

## Key Features

- Combines bio-based surfactants with natural plant esters
- Immediate cleaning action on oils, grease, and dirt
- Highly water-dilutable and cost-effective
- Prevents re-deposition of oils for a long-lasting clean
- Readily biodegradable with excellent environmental profile
- Non-corrosive to skin and common surfaces
- Requires no UN number for transport – simplifies logistics
- Breaks emulsions for efficient oil separation and waste recovery
- Suitable for marine use: engine rooms, tanks, bilge water, and decks
- Safe for use in crew areas, workshops, and kitchens
- Compatible with manual, pressure, and immersion cleaning systems
- Enhances filter and separator performance

## Application Area

Ideal single degreaser for workshops, industrial cleaning, Oil residues, floors with hard surface like vinyl or epoxy, walls and elements (manual or soak/sonicating bath), separators, escalators etc. Microclean Plus can also be used in kitchen areas, grill and ovens. Product works great with grease residue originated from food preparation.

## DIRECTIONS FOR USE

Microclean Plus can be used on all surfaces that can cleaned with water. However as with all cleaning products, it is always wise to test for colour fastness and materials compatibility before cleaning an area not cleaned before with this product.

### Heavy soiling

Mix 1/10 dilution of Microclean Plus. Suitable to use in a trigger spray bottle or plastic bucket. Spray or cleaning 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.

### Normal use and cleaning

Mix 1/20 dilution of Microclean Plus. Apply the product and wipe of shortly after applying

### Light soiling

Mix 1/50 dilution of Microclean Plus. Apply the product and wipe of shortly after applying.

### Soak bath, machine parts washers and sonicating baths

Dilute Microclean Plus to between 1:4 to 1:20 dependent upon the applications
(refer to the manufacturer's instructions)

## Technical Specifications

| Attribute | Details |
|---|---|
| Targeted compounds | Complete range of fats, oils and greases |
| Product type | Concentrated micro-emulsion |
| Performance properties | Effective pH range: 8.0-10. Temperature range 5-80 celcius |
| Formula properties | Unfragranced with fruit aroma, turbid, colourless liquid. Completely soluble in water. Completely biodegradable |

### Storage and Handling

Store in a cool, dry place. Was hands with soap and water after use
SHELF LIFE: 36 months in an original unopened container

## Features & Benifits

- Aqueous, water-dilutable formulation
- Combination of bio-based detergents, esters and sequestrants
- Highly effective on hydrocarbon soils and quick-breaking in oily waste tanks
- Contains no VOCs, solvents, or phosphates
- All ingredients are highly biodegradable
- Powerful degreaser that lifts oils from non-porous surfaces
- Easy spray-on, wipe-off application
- Suitable for all non-porous surfaces – replaces multiple products
- Economical with low cost per use
- Non-corrosive and safe on skin
- Quick-splitting action minimizes impact on waste handling systems
- No stable emulsion layer in collection tanks

### Disclaimer

The information provided in this Technical Data Sheet is accurate at the date of issue and should be used for indicative purposes only. Please refer to your Company Representative for specific User instructions as to how these relate to your usage requirements. Please note that GNC Marine is not liable for claims, damages, costs or expenses of any kind arising from the mishandling of the product or changes that might occur during the handling, storage and application conditions provided by any third party who does not follow the minimum requirements defined in the SDS. Please refer to the SDS for further information regarding the handling, storage and application procedures for the product.

## Product Information

**Packaging**: 4x5L
**Product Code**: 80008-1

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