

The active ingredients known as micelle are classified as a nano-technology. Measuring only 1 – 4 nanometers in size, their extreme surface-area-to-volume ratio enables far greater efficacy than conventional petrochemicals.



RAW's HD Degreaser eliminates the need to work with caustic, toxic and flammable cleaning compounds to remove fats, oil and grease (FOG).

RAW Biochem Is

Readily Biodegradable
Non-Reactive
Non-Toxic
Non-Corrosive
Non-Hazardous
Not Flammable
Contain No VOC's

RAW Biochem Products Do NOT Contain

Petroleum Distillates
Glycol Ethers
Caustics
Ozone Depleting Agents
Nonylphenols
Endocrine disruptors

Fats, oils and grease are quickly separated from all substrates using RAW's heavy-duty degreaser. This military grade product dries quickly, and a simple surface wash with clean water will guarantee no residual remains on the cleaned area. It is engineered to permanently remove stubborn problems for the toughest industrial and commercial cleaning applications.

Heavy duty degreasers are being used in hospitality, transportation, oil, gas & mining, military, marine & manufacturing.

RAW Biochem Heavy Duty Degreaser eliminates the need for conventional, caustic and environmentally hazardous chemicals typically used in industry.

Additional benefits:

- Formulated from a variety of readily available plants and minerals mean it is readily biodegradable, and will not contaminate or pollute the environment.
- Oils and greases are easily separated from the degreaser solution
- and can be re-used or recycled for even greater savings.
- There are no environmental charges or disposal fees after use.
- It is non-corrosive and will not damage metal or plastic surfaces.
- It is safe for the user. Many of the standard work-safe procedures are a thing of the past as there are no VOC's, it is non-toxic, nonhazardous, non-flammable and non – cancer forming.

The versatility of this readily biodegradable degreaser includes use as a spray and wipe, in parts washers, with pressure or steam washers and in floor scrubber applications.

TECHNICAL DATA SHEET

Description

RAW's Heavy-Duty Degreaser is a powerful cleaning agent able to quickly and effectively remove all manner of fats, oils and grease (FOG) as well as for use in general cleaning without the dangerous and environmentally harmful effects associated with traditionally caustic and toxic petrochemicals.

The active ingredients are safe to use on all substrates and will not damage steel, glass, fiberglass or plastic.

Physical State

Liquid

Colour	Light Amber
Odour	Soapy
pH	8.4 – 8.9
Base	Plant Extracts
Persistence & Degradability	Readily Biodegradable

Directions for Use

Heavy Duty Degreaser is a concentrated blend of readily biodegradable ingredients which revert back to their natural state when in contact with naturally occurring micro-organisms, sunlight and water.

Product is suitable for use as a general cleaner in all areas of industry including hospitality, manufacturing, agriculture, oil and gas and transportation.

Can be safely used in all manner of equipment as a replacement for existing chemicals and cleaners including floor polisher, pressure and steam washers.

- Heavy Duty Degreaser is formulated as a Super-Concentrated product for dilution to the cleaning strength required by specified task
- May be diluted with water 1-part chemical with 50 - 200 parts water depending on severity of "soil"

- Increased dilution rates will also increase required dwell time
- Apply enough product to thoroughly wet the soiled area
- Apply with brush, cloth or pressure washer
- Allow to dwell and then rinse or wash with water to fully remove product from surface area
- Product may be disposed of through sanitation system. Check with municipal guidelines before disposal.
- Be advised that extended dwell time on painted surfaces may damage paint. Test on surface prior to use.

C.H.A.T.

Chemical: Unlike typical petrochemicals, RAW formulations may not perform as well with higher concentrations of product than they would with higher dilution rates. In a new process or application, trials are strongly recommended to achieve the correct chemical concentration.

Heat: The optimum temperature ranges from 43°C – 80°C. Product can be used in steam applications up to 490°C (540°F).

Agitation: Where applicable, agitation aids in dislodging soils from surfaces so they can be rinsed away.

Time: Dwell time is dependant on the application, heat and chemistry but generally speaking, longer dwell times enable more satisfactory results.