

CHEMTECH TECH TIPS - EDITION 2

CT14 Engine & Bilge Degreaser



What do you look for when purchasing a degreaser?

Solvent (flammable) versus water-based degreasers?

Does your degreaser offer you the “best value for money”?

Is your degreaser “safe to use” or does it contain high levels of “CAUSTIC” that causes damage to metals and surface.

Product application techniques e.g. metal versus concrete?

Degreasers are commonly used to clean greasy engines, engine parts, transmissions, machinery, garages, workshop floors, concrete driveways and boat bilges. However, there are literally hundreds of different degreasers on the market to choose from with many claiming to be the best for purpose, and offering the best value for money. **What do you look for when purchasing a degreaser?**

Solvent (flammable) versus water-based degreasers:

There are two broad categories of degreasers on the market. These are solvent and water-based degreasers. Although solvents such as diesel, kerosene, mineral turpentine and

mineral spirits etc. work effectively as degreasers they introduce a number of risks and potential hazards in-use such as fire and explosion together with adverse health implications (dangerous fumes).

In addition, the storage of flammable substances at home, or within the workplace, is controlled by strict laws such as the “Storage and Handling of Flammable and Combustible Liquids” (an Australian Standard) which poses a number of controls and restrictions, particularly on businesses. This makes water-based degreasers such as Chemtech CT14 an ideal option for effective and hassle-free degreasing.

Chemtech CT14 is a highly effective water based degreaser, formulated to remove heavy grease, dirt and grime from any badly soiled surfaces. Chemtech CT14 is essentially a solvent-free (Non flammable and non

combustible) degreaser that is also non-regulated for storage and transport purposes.

Furthermore, Chemtech CT14 is concentrated making it an economical alternative to solvent based degreasers.

Does the degreaser you purchase offer you the “Best value for money”?

As noted, there are literally hundreds of different water-based degreasers on the market with many claiming to be the best for purpose, and offering the best value for money in one form or other. However, when choosing a water-based degreaser it is important to go beyond the consideration of cost, but rather “best value for money”. **Why?**

A number of products on the market are positioned as “cost effective” degreasers, however, many contain high levels (high concentration) of CAUSTIC (i.e. > 0.5% or 5g/L SODIUM HYDROXIDE) which is a relatively cheap raw material (ingredient). Although CAUSTIC based degreasers are widely used and offer effective degreasing, products with higher levels of CAUSTIC carry a risk of damage to certain metals and surfaces during the degreasing process.





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CT14 ENGINE & BILGE DEGREASER

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High levels (concentrations) of CAUSTIC can cause significant damage, especially to metals and/or alloys such as Aluminum (engine components), zinc, magnesium and certain paintwork. However, Chemtech CT14 is a degreaser made principally from a proprietary blend of Alkaline Salts (56g/L) and complex surfactants (very low levels of caustic) giving a superior degreasing result (at recommended dilutions) without the risk of damage to metals and surfaces (e.g. paintwork).

Chemtech CT14 thus offers “best value for money” as, apart from its superior degreasing with fantastic results, it also contains inhibitors that assist in protecting certain vulnerable surfaces (e.g. aluminum) whilst being **cleaned**.

Chemtech CT14 is also “safe to use” i.e. non-flammable and non-volatile (no fumes), and will not promote rust. Other properties that make CT14 the water-based degreaser of choice is that it is relatively gentle on the environment being biodegradable and phosphate-free (environmentally friendly attributes).

Product application techniques e.g. metal versus concrete:

Chemtech CT14 is a degreaser that quickly penetrates grease and grime, removing soils from metal, concrete and other hard surfaces. Chemtech CT14 is excellent for use in cleaning greasy engines, engine parts, transmissions, machinery, garages, workshop floors, concrete driveways, bilges in boats etc. also engineering plants and other commercial areas.

When using CT14 it is important to apply product at highest possible dilution. This is achieved by making-up a sample at the highest recommended dilution with testing on a small inconspicuous area to be cleaned. Starting off at highest dilution rates not only saves you money through unnecessary product wastage, however, also acts as an opportunity to appraise compatibility of product with sensitive surfaces that need cleaning. If good cleaning results are not achieved at highest

recommended dilution rates, then try slightly higher dilutions until desired cleaning is achieved. Chemtech CT14 thus makes an ideal degreaser for those lighter degreasing applications as it can be easily mixed and diluted with water.

Chemtech CT14 should never be used (applied) on warm or hot surfaces, and preferably out of direct sunlight. Also, Chemtech CT14 should not be allowed to dry on any surfaces being cleaned.

When cleaning porous surfaces such as concrete, it is important to pre-wet the surface with water. This will help reduce the amount of product absorbed into the porous surface e.g. concrete, allowing for more effective rinsing and less product wastage.

Chemtech CT14 Engine & Bilge Degreaser is available in 1L, 5L, 20L and 200L.

REFER TO TECHNICAL INFORMATION BULLETIN FOR ADDITIONAL AND/OR DETAILED TECHNICAL DATA OR CALL CUSTOMER SERVICE ON 1800 177 989.