

# Scale Gobbler™



**Extremely powerful and fully biodegradable eco-friendly descalant and deep cleaning chemical formulated with natural oils for removing body fats, lime scale, dirt, rust and much more. Controls odours and pathogens while imparting a long lasting, powerful fresh fragrance.**

## **Product Description:**

Ecozyme Scale Gobbler™ is a non-toxic, non-volatile formulation for the effective deep cleaning and descaling of neglected environments, while slicing through and removing dirt deposits, lime scale and rust with total ease. It is exceptional for cleaning and brightening stainless steel, aluminium and copper equipment. It is exceptionally versatile while remaining cost highly effective.

## **Natural Oil Additive:**

Scale Gobbler™ is formulated with a naturally occurring oil extract additive which has excellent cleaning properties. It helps to effectively remove odours and control the growth and spread of harmful pathogens while imparting a powerful, fresh and long lasting clean smell.

## **Washroom Deep Cleaning:**

Scale Gobbler™ is amazing for deep cleaning all washrooms, especially high traffic environments like mines. It slices through body fats and hard water build-ups with ease while leaving a visually shiny and clean surface. Simply apply with a pressurized sprayer, starting at the top of the walls, evenly coating all surfaces including toilets, basins and urinals. Allow a 10 minute contact period. Manually scrub sprayed surfaces down to loosen embedded soils. Rinse thoroughly with a high pressure water sprayer. To prevent cross contamination do not wipe surfaces down, rather allow natural drying. Perform swab tests if required.

## **Concrete / Masonry Surfaces:**

Scale Gobbler™ is a fast acting, easy to use acid-base cleaner for pre-cast concrete, concrete, masonry, grout, tile and natural stone surfaces. Scale Gobbler™ removes cement grout haze and mortar residue, joint cement, lime and hard water, deposits, efflorescence, rust and other dirt and grime. It's suitable for interior and exterior use. The unique nature of Scale Gobbler™ means it's a milder alternative to other harsh acid base cleaners for concrete, tile, grout and natural stone surfaces. Works superbly for pre-cast concrete pavers, concrete, masonry, sanded grout, flamed & honed granite, cleft

& honed slate, flamed & honed limestone, tumbled & honed marble, cast stone, unglazed ceramic tile, quarry tile, porcelain tile, swimming pool slides and tiles at water surfaces.

## **Catering Industry:**

Calcium and lime scale deposits form a huge challenge in cleaning bain-maries, kettles, and dishwashers. Use Scale Gobbler™ at a 1% to 5% dilution depending on soiling to remove quickly and easily.

## **Stainless Steel:**

While stainless steel is great at resisting corrosion, it's unfortunately not fully stain or rust-proof. Exposure for example to high salinity environments can remove the native protective layer of chromium oxide and allow oxidation/corrosion to occur at the substrate. Scale Gobbler™ very effectively removes the surface rust, without impacting the stainless steel substrate. It dissolves the rust (iron oxide) without attacking the other components of the stainless steel (chromium and chromium oxide, nickel, and iron).

## **Rust Removal:**

Scale Gobbler™ is superb at removing rust. It uniquely dissolves rust quickly while etching iron very slowly. One can leave metals in Scale Gobbler™ for much longer

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than competing technologies. A unique advantage of Scale Gobbler is that it leaves a fine coating of iron phosphate behind, which temporarily prevents rust. Scale Gobbler™ leaves a bright metal finish which is visually appealing, while being perfect for painting afterwards. It's also great for panel beaters as a wash to treat surfaces before painting as it removes waxes, oils, and slight amounts of rust that form between sand blasting and painting, while leaving a thin protective coating behind.

## Aluminium & Copper:

Scale Gobbler™ removes dust, dirt, grime, and grease from any aluminium or copper coils and fins of cooling units and air conditioners. When used regularly, it keeps coils clean to promote more efficient operation and lowers the power consumption of air conditioner and refrigeration units.

## Pipe & Drain Cleaner:

Scale Gobbler™ is a highly effective agent for unblocking clogged, toilets, drains, urinals, showers and basins. Pour 500ml to 1 litre of undiluted product directly into the affected area and allow to stand overnight. Rinse the affected outlet with a kettle full of boiling water. Repeat the process again if necessary. Scale Gobbler™ is also excellent for unblocking old building plumbing pipes which have

accumulated calcium and magnesium deposits over the years, restricting their inner diameter greatly. Water flow and pressure normally reduces to an almost non-existent state. This normally requires a very expensive plumbing overhaul, but instead can be very simply and cost effectively be treated with Scale Gobbler™.

## Dairy Industry:

Scale Gobbler™ is an excellent milkstone remover. For occasional descaling of H.T.S.T. plant, storage tanks and pipelines, use a 1.0% to 5% dilution at approximately 80 degrees Celsius. For use in a two stage cleaning following alkali, use a 1% solution at 80 degrees. For a U.H.T. plant, following alkali circulation, use at 2% solution. For cleaning churns, remove milkstone by soaking in warm solution at 5% or operate the churnwasher for 24 hours days using a 1% solution.

## Brewing Industry:

To descale fermenting vessels and, maturation tanks, circulate a solution for 45 minutes. Where heavy scaling still exists, circulation may be repeated using the same solution if the descaling is incomplete. To descale paraflows at both the liquor and product side, use a 7% solution circulated for 45 minutes at up to 50 degrees. For routine cleaning, Scale Gobbler is ideal for cleaning maturation tanks,

mains, bright beer tanks, stainless keg fillers and bottle fillers. At a 3% solution in warm water it will remove beerstone deposits and also light protein soiling. Scale Gobbler™ is also suitable for cleaning the brewery plant under a carbon dioxide atmosphere, enabling the carbon dioxide to be retained. Soak stainless steel and aluminium casks in a hot 3% solution or run the cask washer for a short period on at a 1% solution.

## Food Industry:

Scale Gobbler™ is an excellent general descaler for tanks, pipes, heat exchanges and more. Use undiluted for the very effective removal of fish slime from fish boxes and dried blood from tiled surfaces in abattoirs.

## Precautions & Handling:

Don't use on acid sensitive or polished surfaces. Test inconspicuous patches of surfaces before use. Protect incompatible neighbouring surfaces. Wear appropriate Personal Protective Equipment (P.P.E.'s). Avoid strong bases, zinc, magnesium, oxidising agents, chrome plating and marble.

## Packaging, Shelf Life, Storage

Stable for 12 months at ambient temperature, out of direct sunlight. Available in 5L, 25L & 1000L flow bins. Super concentrate available for simple self-manufacturing.

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