



# ECO-SCALE

## MARINE LIMESCALE & CALCIUM REMOVER

### Scale and Calcium Removal

Mineral scale is a build-up of insoluble sulphate and carbonated salts - the result of exposure to salt water and calcium-containing solutions including soaps, reagents and bacteriocides. Traditional chemistries including phosphoric acid, metasilicates and chlorine, present special handling and discharge issues and most of these products are inherently toxic and non-biodegradable.

**Triple7 Eco-Scale** is a non-toxic, bio-based scale remover designed for its effectiveness and safety to you, the cleaning surface and the environment. The product is a unique formulation of non-ionic surfactants, fruit-based acids and botanical additives which create a powerful scale remover.

**Triple7 Eco-Scale** is a viable cleaning alternative, especially designed for use in closed circuit applications and enclosed environments where human safety is of the highest priority.

**Triple7 Eco-Scale** will not harm equipment and gives longer life cycle maintenance and consequent cost advantages. Applications include; pipework, heat exchangers, boilers, condensers, wetscrubbers and chillers.

### KEY SAFETY & ENVIRONMENTAL BENEFITS



#### Replaces Toxic Products

Non-toxic, contains no carcinogens. Creates healthier and more pleasant working environments.



#### No Hazardous Ingredients

Improves and simplifies workplace safety. No special storage, transportation, usage or disposal required.



#### Reduces Cost

Highly-concentrated and effective product ensures less inventory requirement over time.



#### Readily Biodegradable

Greater than 70% of total ingredients are biodegradable within 28 days.

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## MARINE LIMESCALE & CALCIUM REMOVER

### Benefits

- No special storage/handling requirements
- Fully biodegradable, no offensive odours
- No petroleum products
- Cost-effective
- A long term solution to scale formation
- Non-toxic, low corrosion
- Will not harm metals, rubber, plastics
- Longer life cycle maintenance
- Not affected by water hardness
- No hazardous acids

### Triple7 Eco-Scale is...

- used for the removal of scale and calcium deposits from all surfaces and pipework systems.
- free of caustics, phosphates, petroleum products, terpenes, glycol ethers, ammonium compounds, phosphoric, hydrochloric & oxalic acids and D-limonene.



### Applications

For typical applications dilute 1:5. Allow to stand or circulate between 2 to 10 hours depending on the degree of scale removal required. Rinse with fresh water.

**Triple7 Eco-scale** has been successfully used to flush heat exchangers and sewer systems onboard marine equipment without removing the exchanger or failed pipework from the circulation system. This saves high removal and reinstallation costs and time whilst allowing faster turn-around, along with a high standard of cleaning.



### Genuine Green

- Lower disposal costs
- Readily biodegradable – greater than 70% total ingredients biodegradable within 28 days
- Environmentally responsible – made from renewable resources
- Non-toxic / non-hazardous – reduced OH&S issues
- GECA Certified