



EPOCHEM®

150

## Descaler

Epochem 150 Descaler is an acid cleaner formulated to remove rust and scale deposits.

## Performance

Contains inhibitors to protect metals

Contains colour indicator to show the strength of the solution and anti-foam agent

Safe and easy handling and storage

Fast and effective scale remover

Removes scale from boilers

Removes scale from diesel engine cooling water systems

Removes scale and rust from condensers, evaporators, heat exchangers

## Applications

Descaling of Boilers,

Descaling of Diesel Engine

Cooling Water Systems,

Condensers,

Evaporators,

Calorifiers,

HeatExchangers:

## Benefits

Efficient, economical and safe

Properties	Epochem 150
Physical state	liquid
Density	1,15g/cm <sup>3</sup>
Flash point	N/A
PH	1,1

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## Dosage

Circulation 10 - 20%

Solution Immersion bath 30% solution

## Directions for use

The most effective descaling is accomplished by circulation. In the case of small components, the soak method in an immersion bath can be used.

If the equipment to be cleaned is contaminated by oil, grease and sludge, then pre-cleaning will be required. Depending on the extent of scaling, use a solution of 30. Epochem 150 should not be used on aluminium, zinc, tin or galvanised surfaces.

## Health, Safety and Environment

Suitable for most common ferro and non-ferro metals, except zinc, aluminium, galvanised materials, cast iron and stainless steel.

Epochem 150 contains strong acids. Handle with care and pay special attention to **Material Safety Data Sheet** and /or Product Label. Use personal protection equipment as recommended.

Reaction products from acid components in descaling products may include gasses like carbon dioxide and hydrogen. Formation of hydrogen gas can be monitored with gas detection equipment on the vents. To avoid suffocation and potentially explosive atmosphere, gasses should be removed safely by purging system with water after draining the cleaning solution. Vent of system during descaling operations must be provided for same reason. Always use gas detection equipment to check that the atmosphere is safe before entering confined spaces for inspection after descaling operations.

## Additional information

### Advice

Application not covered here will be obtained from Epochem representative.