



RedSafe Etch

A unique formulation based on organic salts that replace hydrochloric and many other acids in the removal of concrete deposits and rust.

Uses

- Ideal for creating an acid etched finish to precast concrete through immersion.
- Very effective in removing concrete deposits from vehicles and concrete mixing equipment.
- Suitable as rust remover.

Advantages

- Classified only as a "mild skin irritant".
- Replaces dangerous acids with user-friendly alternative.
- Odourless and non-fuming.
- Safe on all metals except zinc and aluminium (at high concentrations).
- Out-performs acids in speed of action.

Description

RedSafe Etch is a specially formulated alternative to hydrochloric acid. It is normally used to provide an etched surface to concrete but can be used for other concrete removal applications.

It also dramatically reduces the hazards associated with acids, such as burns, to the user and reduces the risk of environmental damage.

It gives superior etching properties to those of conventional hydrochloric acids.

Properties

Nature	Liquid
Colour	Yellow
Specific Gravity	ca. 1.2
Chemical base:	Organic chloride salt

Instructions for use

RedSafe Etch can be used to produce an etched finish to concrete. However the depth of etch depends upon the quality of the concrete, the concentration of the RedSafe Etch and the length of time in immersion. RedSafe Etch provides best results when diluted between 8 and 5 parts water to 1 part RedSafe Etch. The user can determine by trials the suitable length of time in immersion to provide the appropriate etch depth.

Always add the RedSafe Etch to the water already in the tank. Note that RedSafe Etch is safe with all metals except zinc and aluminium.

For use as a soil remover from trucks and other production plant, RedSafe Etch should be used in a dilution rate of 7 parts water to one part RedSafe Etch. The solution is best applied with a brush to provide a more concentrated point of attack on the concrete or rust deposits. The strength of the solution may be varied dependent on the soil loading and can safely be used up to 100%. After leaving on the soil for the appropriate time it should be simply washed off with water.



Instructions. (cont'd)

Note that the cleaning solution will gradually accumulate contaminants, which will interfere with the performance. In order to prolong the performance life it is recommended that a proportion be regularly discarded and strength maintained by necessary additions of RedSafe Etch.

Precautions

Refer to the Material Safety Data Sheet for the product.

RedSafe Etch is non-toxic and is considered corrosive for transport only. It is considered only a mild skin irritant.

Packaging

RedSafe Etch is supplied in 200 litre drums or 1000 litre IBC.

Storage

RedSafe Etch should be stored at a temperature of 5-30°C.

RedSafe Etch has a shelf life of at least 6 months when stored in its original unopened containers. Always re-seal container after use.

Disposal

Users should contact their local water authority to ascertain the requirements for disposing of this type of material. In its normal use as concrete etcher or cleaner little waste is generated. Residues will be washed off with water. If disposal of a quantity of the product concentrate is required, the services of a suitable waste disposal contractor should be used.

Cleaning

Either wash away to effluent treatment with water or absorb into a neutral medium such as sand, earth or granules and bag off for disposal. Dilute with water if required. Neutralisation may be done using soda ash or similar material.

The above details have been compiled to the best of our knowledge on the basis of thorough tests and our practical experience of the product performance. However, due to the fact that Redrock has no direct control over where or how its products are used, Redrock offers no guarantees nor accepts any liabilities deriving from or in connection its products nor with information given in this leaflet. Redrock products are sold subject to its standard terms and conditions, copies of which may be obtained on request or viewed on the website: www.redrock-uk.co.uk.

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Redrock (2004) Ltd. P.O.Box 12091, Birmingham B13 9WS
Telephone: 0870 910 7799
www.redrock-uk.co.uk