



NEOLITH **HDLS**

A HEAVY DUTY MASONRY DEGREASANT AND ALSO FOR TOTAL CLEANING OF CALCITED STONE AND ANY MASONRY USING THE LONG CONTACT METHOD.

WHAT THE PRODUCT DOES.

Its special formulation makes it effective in many ways; it penetrates, dissolves and disperses oils and grease, preparing masonry for acid cleaners (which then perform more effectively and evenly thus cutting down treatment times and/or repetition treatment). On limestone, Portland stone and calcited stones it is often so effective as to bring about immediate removal of the surface dirt, it has been in use for more than 20 years and can be applied on masonry surface*. When diluted it may be used for internal masonry cleaning*.

*Where this asterisk appears users should consult our document GENERAL TECHNIQUES AND MATERIALS FOR THE CLEANING OF MASONRY USING NEOLITH CHEMICALS.

PRODUCT DESCRIPTION

It is a milky, alkaline liquid with a pH above 13. It contains several effective surface active agents, which in conjunction with the Sodium Hydroxide alkali, penetrates, breaks down and disperses the contaminants on masonry surfaces, without affecting the colour of the underlying masonry. It is not viscous and with all due precautions can be applied by low-pressure spray, for a rapid and cheaper application, whilst bearing in mind that the agent that this product contains is corrosive.

SAFE HANDLING

Containers must be stored in a safe place with caps secured. A trained responsible person(s) should be nominated to ensure security in depots, in transit and when on sites. Only competent persons should handle this product. Spillages must be dealt with immediately.

PRE CLEANING RECOMMENDATIONS

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Any large organic deposits should be removed either by scraper or by the power water jet spray before the chemical is applied.

HOW TO USE THE PRODUCT

Establish by a test patch trail, the full method and contact times necessary to achieve a satisfactory result*, Preferably apply a well brushed in coat of the product, all over the area to be treated using sufficient materials so that you can see that the surface has good layer, covering it all over. Use a nylon fibred brush.

Normal contact time is one hour but it can be left for up to 3 hours.

After the appropriate time, pressure water jet off the surface with either hot or cold water. This requires 3-minutes/sq m of surface*.

The application of a suitable acid based cleaner, or a neutralising agent should then follow, including a further pressure water jetting operation.

COVERAGE

Approximately 4m²/l.

MATERIALS TO BE AVOIDED

Aluminium and zinc (galvanised metals) and lead. Painted surfaces and polished wood need to be protected. Consult the table for further details*.

PROTECTION OF OPERATIVES

Chemical protection suits are needed along with PVC gauntlet gloves; face shield and head cover also suitable footwear. A bucket of clean water for emergency use should be to hand. Nobody must be allowed to pass or work near or underneath cleaning areas. Spillages must be washed down immediately and at the end of the work wash equipment, scaffolding and boards. Good ventilation is essential and some products may need special consideration when working behind close-sheeted scaffolding or in confined areas (eg. NEOLITH 60 & NEOLITH YBSAC). All persons should be familiar with required safety precautions and correct method of handling the product.

FIRST AID ADVICE

Accidental splashes on the skin or clothing must be washed off immediately with fresh clean water. Contaminated clothing should be removed.

SPLASHES ON THE SKIN

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Wash immediately with plenty of water. A solution of 1 part vinegar to 3 parts water can often be found beneficial to neutralise the alkalinity of the skin and after using this mixture the skin should again be washed well with clean water.

SPLASHES IN THE EYES

Must be immediately irrigated with plenty of clean water. Eyewash of dilute boric acid may be used. In all cases of extensive burns medical help should urgently be obtained.

ECOLOGY

When diluted the organic ingredients present are all biodegradable. Wash any splashes off plants or vegetation immediately or protect them with plastic sheeting. Using the NEOLITH ENVIRONMENTAL JETTING TECHNIQUE* wash down debris has not harmed fish, but authorities should be consulted about disposal into drains and paint residue may need to be contained for disposal.

DISPOSAL OF CONTAINERS

When empty the containers should be filled with water and then emptied in an approved place before disposing of them.

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