

NEOLITH

275

A HEAVY DUTY GREASE REMOVING AGENT

WHAT THE PRODUCT DOES.

It is a mixture of milder alkalies and agents, which have proved very efficient for the penetration of heavy oil and grease stains or if diluted for lighter cleaning operations such as paintwork, ceramic and vinyl tiles without the corrosive effects of Sodium Hydroxide. Consult the table for a list of suitable materials*.

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

PRODUCT DESCRIPTION

NEOLITH 275 is a pink aqueous non flammable formulation containing a broad spectrum of cleaning agents, which are very efficient and also function well when diluted for internal cleaning and economy, or can be supplied for heavily soiled industrial floors. The product is caustic free but contains alkalies for grease removal and dirt suspending agents and sequesterants, which aid cleaning and better removal of the debris. The formulation has been in use for over 20 years. When adequately diluted the organic agents present become biodegradable. It is very efficient for removing oil stains from garage floors.

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

Any heavy contamination should be first removed by a scraper (eg. old oily grease dirt). Heavily old oil/greasy marks may require pre treatment with NEOLITH 77 prior to using NEOLITH 275.

HOW TO USE THE PRODUCT

A test patch trial should be carried out to establish the necessary treatment times needed for satisfactory results, before extensive work is undertaken. Because of the wide range of functions for which NEOLITH 275 can be used two alternatives are here considered.

1. FOR GREASE STAIN REMOVAL FROM STONE OR CONCRETE

Application of full strength or diluted product should be made by a stiff brush, preferably on the pre-wetted masonry* but if necessary application onto the dry surface may be required. The product should be well worked into the stain area and left for 20 minutes and then jetted off thoroughly using preferably hot water. Neutralisation of the alkali should then follow using NEOLITH 907 followed by a further jetting treatment. If this proves inadequate a pre treatment using NEOLITH 77 should be tried. Old industrial oil stains may need re processing (after 2-3 weeks to remove the oil creeping from the stone).

2. FOR CLEANING PAINT WORK, CERAMIC OR VINYL TILES

The NEOLITH 275 can be used at full strength but preferably by test patch trials dilutions should be tried to establish the amount required. Often 1 part of NEOLITH 275 with 10 to 20 parts of water will prove satisfactory. The liquor can be applied by brush, clothe or sponge as is desirable to wash over the area and should be followed by clean water to wash off the debris.

This product is often used for interior cleaning work. Pressure water jetting is desirable whenever possible.

COVERAGE

In excess of 4m²/l. and greater if diluted.

MATERIALS TO BE AVOIDED

Consult the table for further details*. Avoid or protect galvanised metal and aluminium.

PROTECTION OF OPERATIVES

Although the product is non-caustic the alkalinity and detergent present could be irritating to the skin and damage the eyes. Protection of hands, feet, body and face is desirable. A bucket of clean water for emergency use should be to hand. Nobody should be allowed to pass or work near or underneath cleaning areas. Spillages must be washed down immediately and at the end of the work equipment, scaffolding, boards etc should be washed down.

All persons should be familiar with required safety precautions and the 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 and washed.

SPLASHES ON THE SKIN

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.

NEOLITH 275 can degrease the skin and lead to dry irritations and possible infection – the use of a suitable barrier cream can be helpful.

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.