



NEOLITH 438

ALUMINIUM AND STAINLESS STEEL CLEANER

WHAT THE PRODUCT DOES

Formulated for the cleaning of aluminium and brightening of stainless steel windows, door frames and screens etc. It cleans aluminium down to bright metal.

PRODUCT DESCRIPTION

NEOLITH 438 is a yellow liquid containing a mixture of acids, sequesterants, detergents and wetting agents. It contains within its blend Phosphoric Acid. When adequately diluted the organic components are all bio degradable.

SAFE HANDLING

Containers should be stored in a safe place with caps secured and a trained responsible person detailed for security in depots, in transit and on sites. Spillages must be dealt with immediately. Only competent persons should handle this product.

PRECLEANING RECOMMENDATIONS

Remove any large organic deposits with stiff brush.

HOW TO USE THE PRODUCT

Establish method and contact time with test patch*. Using a nylon or bristle brush, apply NEOLITH 438 to give an even coating to the surface. It would be beneficial if after 10 minutes a further coating was applied so as to allow the deposits to thoroughly loosen.

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

Normal contact time would range from 10 minutes to 30 minutes, after which it could be necessary to reapply the chemical. If used on interior surfaces where washing down with water is impracticable, it may be necessary to repeatedly wash the surfaces with clean water and a sponge to remove the debris. The water in such cases must be changed frequently.

COVERAGE

Approximately 3-4 sq m/lt.

MATERIALS TO BE AVOIDED

NEOLITH 438 will remove anodised surfaces if this is not desirable then NEOLITH 39N will give the best degree of cleaning possible without affecting the anodising, but where heavy corrosion of the aluminium is present the anodised surface has already broken down and only NEOLITH 438 will restore it to bright metal.

Other metals are, also affected by NEOLITH 438 (iron, zinc, copper, brass and bronze) also limestone, Portland and calcited marble and slate (*consult the table). NEOLITH 438 should not effect sound paint etc, will not damage wood, rubber,

caulking or mortar when used in correct way.

PROTECTION OF OPERATIVE

Chemical protective suits are needed along with PVC gloves, face shield and head covering also suitable footwear. Nobody should be allowed to pass underneath or work under areas being cleaned, care should be taken with regards to vehicles and the public. Spillages must be washed down immediately. At end of wash period clean area with water. Should the product be applied by spray, breathing protection must be used. All persons should be familiar with the required safety precautions and correct handling of the product.

FIRST AID

Acid splashes on skin, should be washed off immediately for about 10 minutes with clean running water. The use of 1% sodium bicarbonate can be used for the eyes or skin to neutralise any residual acidity. Contaminated clothing should be removed immediately.

ECOLOGY

When diluted all the ingredients are bio degradable in the soil. If it is accidentally splashed onto plants or vegetation it should be washed off immediately.

DISPOSAL OF CONTAINERS

When empty, containers should be filled with water and then applied in an approved manner and then disposed of.

NEED ADVICE ON NEOLITH?

Contact your nearest Neolith Service Centre for specialist advice and information from one of our technical advisors.

BARKING	020 8591 4210	LIVERPOOL	0151 546 5800
BIRMINGHAM	0121 525 9955	ROTHERHAM	01709 838308
GLASGOW	0141 445 6470	SALISBURY	01722 325424

COSHH Data

Hazardous Ingredients

Contains Phosphoric Acid (UN1805) (less than 18%)

Hazard Classification

Under COSHH regulations classified as IRRITANT. For additional safety we grade it as A DANGEROUS SUBSTANCE.

Physical Data

A viscous golden acqeous fluid.

Solubility

Totally miscible with water.

S.G. at 20°C

1.145 to 1.159

pH

less than 1

Flammability

Non Flammable

Fume Hazards

Non. If applying by low pressure spray breathing protection is necessary.

Other Dangers

Must not be mixed with NEOLITH 800 or with NEOLITH R12 or dangerous fumes will be formed.

Handling Precautions

Wear chemical resistant suits, gloves and full face protection.

First Aid - Skin

Wash thoroughly with clean soapy water.

- Eyes

Wash thoroughly with clean water. If irritation persists seek medical help.

- Ingestion

Give plenty of milk to drink.

Spillages

Dilute into plenty of water or cover with soil/sand and dispose of the debris in an approved place.

Disposal

Ensure adequate dilution before discharge to drains.