

## **INFORMATION / APPLICATION DATA SHEET**

### **LIMESTONE CLEANER & DEGREASER FOR SANDSTONE & UNPOLISHED GRANITE**

#### **JC012**

This product must be used by competent stone cleaning contractors, experienced in the use of Sodium Hydroxide (Caustic Soda) based stone cleaning chemicals.

#### **DATA SHEET**

##### **PRODUCT DESCRIPTION**

JC012 is a yellow alkaline liquid formulated specifically for cleaning limestone by all plastic low pressure spray. Can also be used for degreasing sandstone and unpolished granite prior to using the appropriate cleaner (See Product Sheets JC001, JC002, JC003, JC004 and JC005)

##### **PRE-CLEANING**

Remove all heavy encrustation's with a scraper or phosphor bronze brush, must be used in conjunction with high pressure water spray for rinsing to remove all loose deposits, must be used in accordance with the manufacturers instructions regarding health and safety.

##### **PROTECTION PRIOR TO CLEANING**

This product will adversely affect paint, aluminium, zinc, galvanised metals, lead, and polished wood these and similar surfaces must be masked out prior to cleaning

##### **MASKING MATERIALS**

Waterproof masking tape, polythene sheeting (500 gauge) or Tak Pro-Peel (peelable plastic).

##### **PUBLIC AND THIRD PARTY PROTECTION**

A tightly screened scaffolding must be erected around the area to be cleaned and the ends of the poles must be plugged to prevent ingress of JC012, warning signs indicating "Chemical Cleaning in Progress" must be placed in view of public.

##### **APPLICATION**

Pre-rinse the area to be cleaned with high pressure water spray, this will prevent any unnecessary absorption.

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Apply JC012 to the area to be cleaned with nylon deck brush or low pressure all plastic spray, working to natural breaks and string courses, allow approximately 10 minutes to dwell, do not exceed 20 minutes before rinsing.

When using JC012 for degreasing sandstone and unpolished granite, the surface is now prepared for an application of the acidic cleaner, this must be applied immediately to neutralise the degreaser and remove hydro-carbon soils and grime deposits and leave the surface in a natural clean condition. (See Product Sheets JC001, JC002 and JC003).

**COVERAGE** - Approximately 3.5m<sup>2</sup>/Litre

### RINSING

Pumps capable of delivering 103 BAR @ 18 L/Min are required for the rinsing process. The Fan Jet held approximately 150 to 200 mm away from the surface with slow even movements of the lance until complete rinsing has been achieved.

### BASIC RULES FOR HIGH PRESSURE WATER RINSING EQUIPMENT

1. Never point the gun at anyone even if switched OFF.
2. Never work from a ladder.
3. Never use the gun with the trigger locked on.
4. Always ensure your equipment is in first class condition
5. Always wear the correct protective clothing.
6. Only a responsible person who has received instruction in the operation of high pressure water jetting equipment should be allowed to use it.

### SAFETY PRECAUTIONS

JC012 is an industrial strength cleaner containing sodium hydroxide less than 25% solution classified as corrosive, care must be taken when transferring chemicals from container to plastic bucket.

### PROTECTIVE CLOTHING

Full face visor, rubber or plastic gauntlets, rubber boots chemical protective wet suit with hood must be worn, all protective clothing should be thoroughly cleaned on completion and safely stored under suitable conditions.

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### FIRST AID

Take immediate action if the product comes in to contact with eyes or skin.

**Eyes** - Flush eyes with clean water for at least 5 to 15 minutes and seek medical attention without delay.

**Skin** - Flood skin with copious amounts of clean water for at least 5 to 15 minutes and apply a solution of one part vinegar to 3 parts water, this will neutralise the alkalinity, finally rinse with clean water. If pain persists seek medical attention in all cases.

### COMPLETION OF CLEANING ADDITIONAL PRECAUTIONS

Dilute alkali preparations collecting on scaffold. Boards will tend to lose water by evaporation and become sufficiently concentrated to cause burns. The open end of scaffolding tubes should be plugged when JC012 is being used.

Scaffold and boards should be rinsed thoroughly on completion of the cleaning, also rinse all residue from ledges and pavement and leave site in a clean condition, remove all masking materials. Empty chemical containers must be filled with water and the cap replaced securely before safe disposal.

### ECOLOGY

When diluted with water the organic ingredients are biodegradable, effluent if washed into the soil will break down rapidly, if product is inadvertently sprayed onto plants or shrubs it should be rinsed off, this will prevent permanent damage to vegetation. Plastic sheeting should be used to protect the plants and shrubs. When used in conjunction with high pressure water maximum dilution of the chemical is achieved and no damage has been found to fish when the residue enters rivers or streams, but contractors are to advise the appropriate authorities before disposal of water waste debris.

### DISPOSAL OF CONTAINERS

When empty, containers should be filled with water and emptied and disposed of in the approved manner.

**Other Dangers** - Do not mix with any other chemicals other than JC008, JC009, JC010 and JC011.

**Handling Precautions** - Full body, hands, face and feet protection must be worn, a container of clean water for emergency use should be on site.

### SPECIAL FEATURES

Have 25 Litres of clean water available in case of emergencies.

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### **Regulatory Information**

Consult the Material Safety Data Sheet covering this product for the chemical composition and information on ingredients.

The information provided here does not constitute the users own assessment of workplace risks as required by the Health & Safety legislation.

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For further information regarding the product contact (01706) 828888 or Fax: (01706) 828000

**Jetchem Systems Limited, Cuba Industrial Estate, Bolton Road North, Ramsbottom, Bury Lancashire, BL0 0NE**

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