



**Technical Data Sheet For:**

**INTACHEM™**  
**SC-100**  
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**Description:**  
Cleaner for Heavily Soiled Sandstone

**Coverage:**  
Circa. 3.4sq.m/litre

INTACHEM IS THE TRADE MARK OF F&D BULK SERVICES LTD

SC-100-S is a chemical cleaner for the removal of dirt and grime from sandstone, unpolished granite, brick and terracotta. It will remove iron stains from masonry and contains agents to prevent iron stain formation on the stone face. It is economical and fast acting, removing dirt and surface discolouration.

**Product Description:**

SC-100-S is a green acidic liquor which contains less than 12% Hydrofluoric acid and surface active agents. When adequately diluted, as by the jetting off procedure the organic agents are all biodegradable. The product should only be used by competent stone cleaning contractors. It contains chemicals to prevent iron stain migration and conforms with BS8221 (The Code of Practice for the Cleaning of Stone and Masonry).

**How to use the product:**

Large organic deposits should be removed either by a scraper or by power water jetting. The product should be applied on pre-wetted degreased surfaces. The prior use of a detergent is often essential to ensure quick and even cleaning performance. Adequate protection of glass and polished granite surfaces is essential.

Establish the detailed method and contact times by means of a test patch. Apply the product by means of a fibre bristle brush working it into the masonry face and leaving a visible costing on the surface. The product may be used as supplied on granites and sandstones but should be diluted at least 50/50 with water before use on brick or terracotta. When diluting SC-100-S ensure that the proportions are not varied and that the container is well stirred. Work to distinct boundaries. Normal contact times would be extended up to 30 minutes maximum. It is preferable to repeat short contact treatments instead of using longer contact times, also frequently better degreasing treatments prior to using SC-100-S greatly improve results.

**General Safety Precautions:**

At any time when this product is being transported, or being used, persons handling or carrying the product should have available a 25 litre drum of clean water for use in emergencies and HYDROFLUORIC ACID ANTI-DOTE GEL for immediate treatment of accidental splashes or burns. 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 site. Spillages must be dealt with immediately. Only competent persons should handle the product.

**Materials to be avoided:**

Glass, polished granite, glazed aluminium, zinc, bronze, brass, copper and lead. RS250 is preferable for use with red sandstone. Some sandstones may become discoloured due to iron migrating onto the stone face where it associates with dirt and carbon deposits. SC-100-S whilst removing the surface dirt will also remove this old migrated iron colouration. The verification of any colouration changes should be observed during test trial work. A LONG CONTACT METHOD can be used. This product is NOT suitable for use on limestone, Portland Stone, Bath stone, marble, slate or calcited materials.

**Protection of operative:**

Chemical protective suits are needed along with PVC gauntlets, face shields, head cover and suitable footwear. A bucket of clean water for emergencies should be to hand. Nobody must be allowed to pass underneath or work under cleaning area. Spillages must be washed down immediately. At the end of the work period wash down all equipment (e.g. scaffolding and boards). A HYDROFLUORIC BURNS KIT should be at hand for the treatment of any acid burns. Only experienced operatives should handle this product (see HYDROFLUORIC ACID TREATMENT SHEET).

**First Aid:**

See HYDROFLUORIC ACID TREATMENT SHEET and Safety Data Sheet for this product.

**Ecology:**

When diluted the organic ingredients are bio-degradable. Effluent, if washed into soil will break down rapidly. If the product is advertently sprayed onto plants/vegetation it should be rinsed off. Rinsing with water will prevent further damage to vegetation. Plastic sheeting could be used to protect such plant life.

Using the correct jetting technique maximum dilution of the chemical is achieved and no damage has been found to fish when such debris enters rivers and streams (yet, contractors are directed to advise the authorities before disposal and immediately in the event that an accidental disposal into a water course takes place).

**Disposal of containers:**

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

Distributed by:



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**Safety Notes:**

1. Always store containers in secure conditions.
2. Keep containers closed when not in use.
3. COSHH Data: Contains Hydrofluoric Acid (less than 12.5%) UN1790.  
Splashes to the skin may cause burns.
4. Physical data: Aqueous liquid
5. Solubility: Totally soluble in water
6. S G: 1.2058—1.2148
7. pH Value: Less than 1
8. Flammability: Non Flammable
9. Fume Hazards: In confined spaces fumes may build up, TLV 8 hours (HF)  
3ppm Hydrogen Fluoride.
10. Other dangers: If applying by spray use breathing protection equipment. Not to be  
mixed with algae remover as dangerous fumes will be created.
11. Handling precautions: Full body, hands, feet and face protection must be worn.  
A container of clean water, for emergency use, should be on hand.  
Operatives must have HYDROGEN FLOURIDE BURN ANTIDOTE  
GEL on hand.
12. NEVER leave container full or empty where the public may come into contact with them.
13. ALWAYS fill containers with water before disposing of them.

**Important Notice:**

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