



**Technical Data  
Sheet For:**

**INTACHEM™  
SC-  
100HD**

**Description:**  
Heavily Soiled  
Sandstone Cleaner

**Coverage:**  
Circa. 3-4sq.m/litre

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

SC-100HD is a special formulation for the removal of heavy accumulations of dirt and soiling from balustrades, the underneath face of porches etc. and gargoyles. It will etch glass and polished granite.

**Product Description:**

SC-100HD is a blue viscous aqueous fluid which is corrosive and contains Hydrofluoric acid (less than 15%). When adequately diluted the organic materials are completely bio degradable. It contains chemicals to prevent iron migration and conforms with BS6270—The Code of Practice for the Cleaning of Stone & 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. 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, work the product on to a pre-wetted surface and leave a visible coating covering the masonry. Normal contact time is about 20 minutes, or if found suitable by the test patch trial, may be up to 90 minutes before pressure jetting off with hot or cold water for 3 minutes/sq.m. If necessary a repeat treatment may be required, or consideration to repeat the treatment with a degreasants to increase the efficiency of cleaning by SC-100HD.

**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, any polished surfaces, painted surfaces, bronze, limestone.

**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. Where maximum dilution of the chemical is achieved, 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 15%) UN1790. Without correct protection this product can cause severe burns to the skin and damage eyes. If spraying, breathing protection is required.
4. Hazard: CORROSIVE
5. Physical data: Blue aqueous, viscous liquid containing chemicals to prevent iron stain migration.
6. Solubility: Totally soluble in water
7. S G: 1,1567—1.1932
8. pH Value: Less than 1
9. Flammability: Non Flammable
10. Fume Hazards: TLV 8 hours (HF) 3ppm. Tests may be necessary in confined spaces e.g. underpasses. No fume Hazards have been encountered when using this product behind closed sheeted scaffolding.
11. Other dangers: Not to be mixed with Algae-Rem or algae removers as dangerous fumes will be created.
12. 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.
13. NEVER leave container full or empty where the public may come into contact with them.
14. ALWAYS fill containers with water before disposing of them.

**Important Notice:**

The statements above are compiled from our field of production and according to the latest technological developments and application techniques received by us. Since application and working are beyond our control, no liability of the producer (or its agents) can be derived from contents of the information sheet or additional correspondence. All statements made in addition to this sheet must be confirmed in writing by the producer (or its agents). In all cases our general conditions of sale are valid. This data sheet was published 16/05/2006 and supersedes any previous edition.

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