



**Technical Data
Sheet For:**

**INTACHEM™
BT-200**

Description:
Brick and Terracotta
Cleaner

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

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

BT-200 is a cleaner formulated for the removal of dirt, carbon, algae and rust stains from brick work and terracotta.

Product Description:

BT200 is a blue aqueous liquid. It is corrosive and contains Hydrofluoric acid (UN1790), less than 10%. When adequately diluted the organic ingredients are completely bio-degradable. The formulation has been in use for over 30 years.

How to use the product:

The masonry may need to be degreased before application of BT-200.

Establish the detailed method and contact times by means of a test patch, and ascertain if a dilution of BT-200 can be used by means of a test patch trial. Apply the product by means of a fibre bristle brush—working the product into the masonry of the pre-wetted surface, starting at the top and working natural break. A normal contact time of 5-15 minutes is desirable and dilutions of BT-200 where performance is satisfactory. In this respect a degreasing increases the efficiency of the acid and often permits greater dilution of the cleaner. Pressure water jetting, using hot or cold water, should take 3min/sq.m. to remove the surface debris.

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. The verification of any colouration changes should be observed during test trial work. Alternatively a LONG CONTACT METHOD can be used. This product is NOT suitable for use on limestone, Portland Stone, Bath stone, marble, slate or calcified 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 maximise 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 advice 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:



Remmers (UK) Ltd, Remmers House,
14 Victoria Way, Burgess Hill, West Sussex RH15 9NF
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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 10%) UN1790.
Splashes to the skin may cause serious burns.
4. Hazard Classification: Corrosive
5. Physical data: A pink aqueous liquid containing chemicals to prevent iron stain migration
6. Solubility: Totally soluble in water
7. S G: 1.1205—1.1455
8. pH Value: Less than 1
9. Flammability: Non Flammable
10. Fume Hazards: In confined spaces fumes may build up, TLV 8 hours 3ppm (HF)
No fume hazards have been encountered using this product behind sheeted scaffolding.
11. Other dangers: This product must not be allowed to mix with algae remover as dangerous fumes will be given off.
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 14/05/2006 and supersedes any previous edition.

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