



**Technical Data
Sheet For:**

**INTACHEM™
YB-300**

Description:
Yellow Brick
Acid Cleaner

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

Article No:
9056

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

YB-300 is primarily a yellow brick stock cleaner, it reduces the tendency for residual, adverse dark stain marks which can result if other HF based chemicals are used. It is quick acting and economical in use.

Product Description:

YB-300 is a viscous aqueous liquid. It is corrosive and contains Hydrofluoric acid (less than 15%). When adequately diluted the organic agents present are bio-degradable.

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.

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 coating on the surface. Working from the top down, ensuring that there are no runs and that a good coating is applied. Normal contact times would be 5 minutes, and certainly no longer than 15 minutes before pressure jetting off with cold water at a rate of 3min/m².

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. The verification of any colouration changes should be observed during test trial work. 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 ("Environmental 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 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%) UN2922.
Splashes to the skin may cause burns.
4. Hazard Classification: CORROSIVE
5. Physical data: A viscous aqueous liquid
6. pH Value: Less than 1
7. Flammability: Non Flammable
8. Fume Hazards: In confined spaces fumes may build up, TLV 8 hours (HF)
3ppm. Tests may be necessary in confined spaces or behind
sheeted scaffolding in hot still weather.
9. Other dangers: Not to be mixed with Algae Rem as dangerous fumes will
be created.
10. 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.
11. NEVER leave container full or empty where the public may come into contact with them.
12. 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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