



**Technical Data
Sheet For:**

**INTACHEM™
HD-400**

Description:

Heavy Duty
Degreasant

Coverage:

Circa. 4 sq.m/litre

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

It is a special formulation for the breaking down and removal of black carbon dirt, oils and greases from any masonry surface. It will also attack paint films and can be used by the quicker Degreasant preparation of masonry so that acid based cleaners can work more efficiently and give better even cleaning results. When used as a degreasant followed by the appropriate acid agent a more rapid and economical cleaning can be achieved, or total cleaning can be achieved using a long contact method of application.

When used on masonry the full colour of the cleaned masonry surface is retained. The product is also a slow acting paint stripper.

Product Description:

HD-400 is a milky aqueous formulation containing sodium hydroxide. It is corrosive, non flammable and when adequately diluted the organic materials present are bio-degradable. The viscosity helps reduce absorption into the pre-wetted masonry.

How to use the product:

Any large organic deposits should be removed either by scraper or by use of power jet spray before the chemical is applied. Establish by a test patch trial, the full method and contact times necessary to achieve a satisfactory result. The surface should be pre-wetted and left to drain down. Using a nylon brush, work the product over the pre-wetted surface and leave a visible coating covering the masonry or with due care use an applicator spray (operative must be informed that the product is corrosive!)

Normal contact time is 1 hour, up to a maximum of 3 hours, during any single application. Application may be repeated after jetting off if it is considered necessary. Jetting off is preferable with hot water, but cold water may suffice, but requires 3 min/sq.m. jetting. A final treatment with an acid based cleaner if necessary, or a neutralisation agent (LC500) should then follow. The surface coated with HD400 should not be left long enough to dry out. The thickened product is better where long contact times are necessary.

For the removal of paint from masonry the product may be applied onto the dry paint surface. The product is slow acting on thick paint films and repeated treatments are often necessary unless more rapid agents (e.g. IntaChem's Inter-Strip) have first been applied to soften and remove the bulk of the paint surface.

General Safety Precautions:

Containers must be stored in a safe place with the caps secured. A trained responsible person(s) should be appointed to ensure security in depots, in transit and on site. Only competent persons should handle this product. Spillages should be dealt with immediately.

Materials to be avoided:

Aluminium and zinc (galvanised metals) and lead. Painted surfaces and polished wood need to be protected.

Protection of Operative:

Chemical protection suits are needed along with PVC gauntlet gloves, face shield and head cover also suitable footwear. A bucket of clean water for emergency use should be at hand. Nobody must be allowed to pass or work near or underneath cleaning areas. Spillages must be washed down immediately as should all equipment, scaffolding etc after each days work. Good ventilation is essential. All persons must be familiar with the required safety precautions and correct method of handling the product. If using a spray applicator breathing equipment must be worn.

First Aid Advice:

Accidental splashes on the skin or clothing must be washed off immediately with fresh clean water. Contaminated clothing should be removed.

SPLASHES ON THE SKIN: Wash immediately with plenty of water. Solution of 1 part vinegar to 3 parts clean water can be found beneficial to neutralise the alkalinity of the skin and after using the mixture the skin should be washed thoroughly. **SPLASHES IN THE EYES:** Must be immediately irrigated with plenty of clean water. An eyewash of dilute basic acid may be used. **IN ALL CASES OF EXTENSIVE BURNS MEDICAL HELP SHOULD BE SOUGHT IMMEDIATELY.**

Ecology:

When diluted, the organic ingredients present are all bio degradable. Wash any splashes off plants or vegetation immediately or protect them with plastic sheeting. Wash down debris as not considered harmful to fish. Water authorities should be consulted about disposal into drains or water courses.

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: HD400
4. Hazardous Ingredients: Contains Sodium Hydroxide (less than 25%) UN182A
5. Physical Data: A milky aqueous fluid
6. Solubility: Totally water soluble
7. S G: 1.23—1.29 circa
8. pH Value: Greater than 13
9. Hazard classification: Corrosive
10. Flammability: Non-flammable
11. Fume Hazards: None
12. Handling precautions: Only experienced trained persons should use this product. Wear full hand, face, foot and body protection. Have clean water to hand for emergencies. Store containers in a safe place and ensure caps are clothed. Dilution for spray application is not recommended.
13. First Aid—Skin: Wash with plenty of water and seek medical help.
14. First Aid—Eyes: Irrigate with plenty of water and seek medical help.
15. First Aid—Ingestion: Drink plenty of water and seek medical help.
16. Spillages: Either dilute adequately or absorb into soil and dispose of the debris in the approved manner.
17. Disposal: Ensure adequate dilution before discharge into drains.
18. NEVER leave container full or empty where the public may come into contact with them.
19. 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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