



**Safety Data  
Sheet For:**

**INTACHEM™  
ALGAE  
REM**

**Description:**  
Algae and Moss  
Remover

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

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

**1. IDENTIFICATION OF SUBSTANCES, PREPARATIONS AND COMPANY:**

Name of Preparation: Algae-Rem  
Supplier: IntaChem, 1 Irwin Drive, Nottingham NG6 7BJ  
Distributor: Remmers (see contacts, below, left)

**2. COMPOSITION/INFORMATION ON INGREDIENTS:**

Contains: (1) 8% available chlorine

**3. HAZARDS IDENTIFICATION:**

Algae Rem is classified as irritant for supply under UK CHIP regulations. Conveyance: CORROSIVE.

In practice bleach solutions do not cause significant problems provided they are not mixed with acids which will result in toxic chlorine or phosgene gas liberation (R31). Chlorine has an Allocated Exposure Standard of 1ppm Table 4 EH 40. If ingested bleach solutions cause irritation of mucous membranes, stomach pain and possible ulceration. Inhalation of these gases may be fatal as a result of spasm. Symptoms of exposure may include burning sensation, nausea, vomiting and unconsciousness.

**4. FIRST AID MEASURES:**

Care should be taken to avoid contact with the eyes and skin. If splashes occur the following procedures should be adopted.

**SKIN:** Wash all affected areas with liberal quantities of water for at least 1 minute.  
**EYES:** Irrigate thoroughly with water for 15 minutes ensuring water bathes the eyeball. Seek medical advice, alternatively use diluted boric acid solution.  
**INGESTION:** Rinse out mouth and throat frequently with water. Do not give emetics. Drink water. Seek medical advice.  
**INHALATION:** Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult call physician or paramedic to administer oxygen.

**5. FIRE FIGHTING PROCEDURES:**

Algae-Rem is not flammable, but in fire situations will emit toxic chlorine vapours. Use water, foam, CO<sub>2</sub>, or dry powder as extinguishing agents. In a general fire, fire fighters should wear breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES:**

Hose away to foul sewer with a least 100 times its volume of cold water. Ensure area is well ventilated during operation.

**7. HANDLING & STORAGE:**

Ensure all information in this data sheet is read and understood before using this product. Do not allow the concentrated or dilute preparation to come into contact with eyes and skin. Wear full protective clothing, PVC overalls, gloves, face shield and rubber footwear. Use with care. Only experienced operatives should handle this product. Do not store Algae Rem with other acid products, organic chemicals or toilet cleaners. Use for external masonry only. Avoid breathing spray.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

See also section 7. Wear PVC gloves, eye/face protection and PVC wet suit. As Algae Rem is used in quantity on the outside of buildings, exposure controls are not normally required. Work upwind of spray. Chlorine has an allocated occupational exposure standard of 1ppm.

**9. PHYSICAL & CHEMICAL PROPERTIES:**

Appearance: Pale yellow fluid  
pH: 12  
Boiling Point: 100 degrees Celsius  
Flash Point: Non Flammable  
Specific Gravity: 1.13  
Solubility in H<sub>2</sub>O: Soluble in water at all proportions

**10. STABILITY & REACTIVITY:**

Sodium hypochlorite solutions react violently with ammonium salts, methanol and primary amines. Reacts with acid to liberate toxic chlorine and phosgene gases.

Distributed by:





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**11. TOXICOLOGICAL INFORMATION:**

Irritant hypochlorite solution 8%, available chlorine.  
Oral LD50 mouse: 8000 mg/kg approx.

**12. ECOLOGICAL INFORMATION:**

The active chlorinating agent is harmful to fish and plants until it has been used in sterilising activity. It is important therefore to prevent splashes on plants and vegetation and to ensure that any wash down debris is not allowed into surface water or rivers. After jetting off with water, and after a minimum of 10 hours contact time, we have not experienced any damage from wash down debris to fish. Authorities should be consulted about disposal into drains.

**13. DISPOSAL CONSIDERATIONS:**

Wash out containers with water and dispose rinse water into foul sewer. Containers then represent little hazard and may be recycled for other purposes.

**14. TRANSPORT INFORMATION:**

Algae Rem is classified as corrosive for conveyance.  
Transport: UN No 1791  
Carriage: Primary Hazard Corrosive  
Packaging: Packing Group III

**15. REGULATORY INFORMATION:**

R&S Phrases  
R31: Contact with acid liberates toxic gas  
R36/38: Irritating to eyes  
S28: In case of contact with skin wash immediately with plenty of water  
S45: In case of accident or you feel unwell seek medical attention immediately and where possible show this sheet or the product label.  
S50: Do not mix with acids

See also the IntaChem Data Sheet for this product detailing operational techniques for moss, algae and mildew removal from buildings. Algae Rem will kill all living organisms, mildews, algae and spores on masonry surface. It does not clean dirty masonry. After sterilising the surface it does not leave algaecidal agents in the masonry. It is one of the active agents named in the BRE digest for the control of algae, lichens and mosses in masonry. It removes undesirable and unsightly growth, effortlessly from masonry and painted surfaces.

**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 17/10/2006 and supersedes any previous edition.

Distributed by:



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