

# MATERIAL SAFETY DATA SHEET



## KF-18 MASONRY BIOCIDES MICROEMULSION CONCENTRATE

Issue: 2. Issue Date: 01/12/2004.

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product Name.** KF-18 MASONRY BIOCIDES MICROEMULSION CONCENTRATE.

**Supplier.** KINGFISHER BUILDING PRODUCTS Ltd.  
COOPER LANE.  
BARDSEA BUSINESS PARK  
ULVERSTON  
CUMBRIA.  
LA12 9RA.

**Telephone:** 01229 869100  
**Fax:** 01229 869101  
**Emergency:** As Above

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

**Description:** An aqueous blend of non-ionic surfactants and active ingredient

Ingredient Name.	CAS.No	Content	Health (Class)	Risk (R No.)
3-Iodo-2-Propynyl-Butyl Carbamate.	55406-53-6	1.25%	Harmful	20/22, 41, 50.
Surfactant Blend.	00000-00-0	<10%	Irritant	41.

### 3. HAZARDS IDENTIFICATION

This product is classified as IRRITANT under the Chemical Hazards Information and Packaging Regulations 2002.

### 4. FIRST AID MEASURES.

**Inhalation: -** In case of accident by inhalation : Remove casualty to fresh air and rest. If symptoms persist seek medical advice.

**Eye Contact: -** Rinse immediately with plenty of clean water and seek medical advice..

**Skin Contact: -** After contact with skin, wash immediately with soap and water. If irritation persists seek medical advice.

**Ingestion: -** If swallowed DO NOT INDUCE VOMITING: Seek medical advice and show this container or label.



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### 5. FIRE FIGHTING MEASURES.

This product is not flammable. However toxic fumes (oxides of carbon, hydrogen chloride) may be evolved in the event of a fire.

**Extinguishing Media:** - Treat fires with dry chemical, foam or water spray.

**Protective Measures in Fire.** Wear protective clothing and self contained breathing apparatus.  
Prevent any run off from entering water courses or drains.

### 6. ACCIDENTAL RELEASE MEASURES.

**Personal Protection During Spill:** - Wear suitable protective equipment (see Section 8).

**Precautions to Protect Environment:** - Product should not be allowed to enter drains or water courses.

**Spillage Clean Up Methods:** - Clean up excess with inert absorbent material and place in a secure, labelled container. Dispose of waste material and contaminated containers via authorised waste disposal contractor. Spillages will make surfaces very slippery. Clean spill area and any tools used thoroughly. Collect washings and dispose of as contaminated waste.

### 7. HANDLING AND STORAGE.

**Handling Precautions:** - Wear respirator when spraying.  
Wear suitable protective clothing, gloves and eye/face protection.  
Wash hands and exposed skin after handling.  
When using, do not eat, drink, or smoke.

**Storage Criteria:** - Store in original container, in a safe place with lid tightly closed.  
Keep out of reach of children.  
Keep away from food, drink or animal feedstuffs.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT.	CAS No.	ACCEPTABLE DAILY INTAKE (ADI)
3-Iodo-2-Propynyl-Butyl Carbamate.	55406-53-6	Not assigned
Surfactant Blend	00000-00-0	Not assigned
<b>Personal Protective Equipment.</b>	Respirator:	Compulsory when spraying.
	Gloves.	Impervious recommended. Compulsory when using.
	Eye/Face Protection.	Safety goggles/face shield recommended. Compulsory when using.
	Protective Clothing.	Impervious coveralls recommended. Compulsory when using.
<b>Hygienic Work Routines:</b> -		Wash hands after using product and before eating or drinking



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### **9. PHYSICAL AND CHEMICAL PROPERTIES.**

**Appearance:** - Liquid.

**Colour:** - Colourless to Pale Straw

**Odour:** - Characteristic

**pH:** - 6.5 – 8.5

**Solubility Description:** Soluble in Water.

**SpG:** - 1.010 – 1.030 g/ml

**Active:** - 1.25% (w/w) 3-Iodo-2-Propynyl-Butyl Carbamate.

### **10. STABILITY AND REACTIVITY**

**Stability:** Product is stable under normal conditions.

**Materials to Avoid.** Avoid mixing with other chemicals unless instructed to do so. Avoid mixing with strong alkalis / acids.

### **11. TOXICOLOGICAL INFORMATION.**

**Eye Irritation:** Risk of serious damage to eyes.

**Skin Irritation:** May cause irritation.

**Skin Sensitiser:** No

**Oral LD50:** 1470mg/Kg (Rat) 3-Iodo-2-Propynyl-Butyl Carbamate

**Dermal LD50:** >2000mg/Kg (Rabbit)

This product has not been tested. The data has been calculated using data from individual components.

### **12. ECOLOGICAL INFORMATION.**

**Environmental Hazards:** This product is classified as may cause long term effects in aquatic environment.  
This product must not enter drains or water courses.  
Inform appropriate authority if large spillage enters drains. .  
The product is biodegradable.

**Ecotoxicity.**

3-Iodo-2-Propynyl-Butyl Carbamate 96hr LC50: 67µg/L (Rainbow Trout)  
48hr LC50: 696 µg/L (Daphnia Magna).

### **13. DISPOSAL CONSIDERATIONS**

**Disposal Methods:** Empty containers must be washed out thoroughly and cut before disposal by land fill. Contaminated packaging and waste product must be disposed of via an authorised waste disposal contractor. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.



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### 14. TRANSPORT INFORMATION

**Label for Conveyance.** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Contains 3-Iodo-2-Propynyl-Butyl Carbamate).

**UN No.** 3082 **Packaging Group.** III

**ADR Class.** Class 9. **HI No.** 90.

**Marine Pollutant.** No.

### 15. REGULATORY INFORMATION

**Label for Supply :**



**Irritant, Xi**



**Dangerous for the Environment N**

**Risk Phrases :** R41- Risk of serious damage to eyes.  
R53- May cause long term adverse effects in the aquatic environment.

**Safety Phrases :** S2 Keep out of reach of children.  
S26 In case of contact with eyes, rinse immediately with plenty of water and see medical attention.  
S28. After contact with skin wash immediately with plenty of soap and water.  
S36/37/39. Wear suitable protective clothing/gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (Show label where possible) .  
S61 Avoid release to the environment. Refer to special instructions/safety data

**HSE No.** 6529

### 16. OTHER INFORMATION

**Recommended Uses.** Fungicide Concentrate.

**User Notes :** 3-Iodo-2-Propynyl-Butyl Carbamate is a carbamate compound which has weak anticholinesterase activity.  
DO NOT USE if under medical advice not to work with anticholinesterase compounds

This product contains substances which are known to be harmful to the environment.

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