1. Identification of Substance/Preparation and the Company.

**Product Name:** ANTI MOULD PAINT ADDITIVE  
**Product Code:** 52Y.  
**Supplier:** Kingfisher Building Products Limited.  
Ulverston  
Cumbria. LA12 9RA  
[www.kingfisheruk.com](http://www.kingfisheruk.com)  
Tel: 01229 869100  
Fax: 01229 869101  
E-mail: office@kingfisheruk.com  
Emergency telephone. 0191 22 5131 UK National Poisons Information Service.

2. Hazards Identification

Most important hazards:  Harmful by inhalation, in contact with skin and id swallowed. May cause heritable genetic damage.  
May cause sensitisation by skin contact. Harmful: danger of serious damage to health by prolonged exposure if swallowed. Limited evidence of carcinogenic effect. May impair fertility. May cause damage to unborn child.  
Specific hazards: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

3. Composition / Information on ingredients

<table>
<thead>
<tr>
<th>Hazardous ingredients:</th>
<th>Content Wt(%)</th>
<th>EINECS No</th>
<th>CAS No.</th>
<th>Hazard Symbol / Risk No. (*)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-octyl-2H - isothiazol-3 - one.</td>
<td>3&lt;C&lt;=5</td>
<td>247-761-7</td>
<td>26530-20-1</td>
<td>T; / R23/24. Xn; R22.C; R34,R43 N; R50/53</td>
</tr>
<tr>
<td>Diuron; 3 - (3,4-dichlorophenyl) -1, 1-dimethylurea.</td>
<td>20&lt;C&lt;=25</td>
<td>206-354-4</td>
<td>330-54-1</td>
<td>Carc. Cat 3; R40; Xn; R22-48/22 N; R50/53</td>
</tr>
<tr>
<td>carbendazime (ISO) methyl benzimidazo l- 2 - ylcarbamate.</td>
<td>5&lt;C&lt;=10</td>
<td>234-232-0</td>
<td>10605-21-7</td>
<td>Muta. Cat 2; 0R46. Repr.Cat2; R60/61.N; R50/53.</td>
</tr>
</tbody>
</table>

4. First Aid Measures.

**General:** In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.  
**Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. If skin irritation persists, seek medical advice.  
**Eye Contact:** Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice.
**Ingestion:** Rinse mouth. DO NOT induce vomiting. If symptoms persist call a doctor.

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

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**5. FIRE FIGHTING MEASURES**

**Extinguishing Media:** Carbon dioxide, powder, water spray/mist.

In case of fire in the surroundings: all extinguishing agents allowed

**Exposure hazards:** Decomposition products may be a hazard to health. Appropriate self contained breathing apparatus may be required.

**Protective equipment:** Fire fighters should wear self contained breathing apparatus and protective clothing to prevent skin contact. Do NOT allow run off from fire fighting to enter drains or water courses.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Ensure adequate ventilate. Refer to section 8 of the MSDS for personal protection details.

**Environmental precautions:** Do not allow entry to drains or water courses. Contain the spillage. Should spillage enter drains or sewers, inform water authority/environment agency immediately.

**Clean up methods:** Absorb to dry earth or sand. Transfer to closable, labeled container for appropriate disposal in accordance with appropriate local and national legislation.

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**7. HANDLING AND STORAGE**

**Handling requirements:** Do not eat, drink or smoke during work. No special technical protective measures required. Keep container tightly closed.

**Storage conditions:** Store in cool, well ventilated area between 10 and 40°C. Keep out of frost. Keep container tightly closed. Store away from metals. Storage time limited to 12 months.

**Suitable packaging:** Must only be kept in original packaging.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Vapour exhaust preferably at emission point. Ensure adequate ventilation, especially in confined spaces

**Respiratory protection:** Air fed respiratory protective equipment should be worn if this product is sprayed if the exposure of the sprayer or other persons nearby can not be controlled to below the occupational exposure limit.

**Hand protection:** When skin exposure may occur advice should be sort from glove suppliers on appropriate types.(Nitrile or Neoprene gloves)

**Eye protection:** In case of splashing wear approved Safety goggles.

**Skin protection:** Wear protective overalls.

**EXPOSURE LIMIT VALUES.**

<table>
<thead>
<tr>
<th>Substance</th>
<th>STEL/15 min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>diuron; 3-(3,4-dichlorphenyl)-1,1-dimethylurea</td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>
9. Physical and Chemical Properties

State; Liquid viscous.
Colour: Whit/off white.
Odour: None
Solubility in water: Completely miscible.
pH: 1% E.D.=4 -6
Flashpoint: Non flammable 38°C
Relative density: 1.19 - 1.22 g/cm³.
Solvent solubility: Soluble in some specific organic solvents.

10. Stability and Reactivity

Stability: Stable under normal conditions. The dispersion can separate in two phases. Stir before use.
Materials to avoid: Oxidising agents, reductor agents
Haz. Decomp. Products: When exposed to high temperatures may produce hazardous decomposition products such as carbon dioxide, carbon monoxide, smoke, NzOy.

11. Toxicological Information

Acute toxicity.
Inhalation: May cause hereditable genetic damage. Limited evidence of a carcinogenic effect. Harmful by inhalation. Inhalation may cause: irritation of the mucous membranes, lung irritation
Skin contact: May cause skin irritation/dermatitis. Harmful in contact with skin. Repeated or prolonged exposure may cause: allergic reactions with susceptible persons.
Eye contact: Splashes in eyes may cause irritation and reversible local damage.
Ingestion: Harmful; danger of serious damage to health by prolonged exposure if swallowed. May cause heritable genetic damage. May impair fertility. May cause harm to the unborn child. LD50/oral/rat >5400 mg/kg. May cause gastrointestinal irritation.
Sensitisation: May cause sensitisation by skin contact.
Chronic toxicity: May cause heritable genetic damage. May impair fertility. May cause harm to the unborn child.
Toxicity of repeated or prolonged exposure: Symptoms are, dermatitis, allergic reactions, sensitisation.
Specific effects: The effects may be delayed.

12. Ecological Information

General information: The product should not be allowed to enter drains or water courses or be depositd where it can affect ground or surface waters.
Persistence & degradability: Not readily biodegradable
Bioaccumulation: None bioaccumulation.
Environmental toxicity: Very toxic to aquatic organisms, may cause long-tern adverse effects in the aquatic environment.
Toxicity to fish: The product is toxic to algae. Toxic to fish. DIURON: LC50/72h/algae = 0.022 mg/l.
OIT: LC50/72h/algae = 0.02 mg/l; LC50/48/daphnia = 0.32 mg/l.

13. Disposal Considerations

Disposal operations: Waste, including emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

N.B. Users attention is drawn to the possible existence of regional or national regulations regarding disposal.
14. Transport Information

ADR/RID (Road)
Proper Shipping name: Environmentally hazardous substance, liquid, N.O.S. (Diuron)

UN no: 3082  ADR/RID label: 9
Packing Group: III  Code danger: 90
Class: 9  Classification code: M6.

IMDG (Sea)
Proper Shipping name: Environmentally hazardous substance, liquid, N.O.S. (Diuron)

UN no: 3082  IMDG label: 9
Packing Group: III  EmS No: 9.01
Class: 9  Marine pollutant: P.

ICAO/IATA (Air)
Proper Shipping name: Environmentally hazardous substance, liquid, N.O.S. (Diuron)

ICAO/IATA class 9  ICAO/IATA label 9
Packing group III

15. Regulatory Information

Label for Supply
Symbols.

Toxic  N. Dangerous for the Environment.

Risk phrases:
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed
R40: Limited evidence of carcinogenic effect.
R43: May cause sensitisation by skin contact.
R46: May cause heritable genetic damage.
R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed
R50/53: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R60: May impair fertility.
R61: May cause harm to the unborn child.

Safety phrases:
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical help
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)
S53: Avoid exposure.
S60: This material and its container must be disposed of as hazardous waste.
Further information: Contains 2-octyl-2H-isothiazol-3-one. May produce allergic reaction.

16. other Information

User notes:
BIOCIDE. This product should not be used for purposes other than which supplied without reference to the supplier and receiving written instruction.
This safety sheet is issued in compliance with directives and adaptions:

DISCLAIMER
The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication. However no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such materials used in combination with any other materials or in any other process. It is the users responsibility to satisfy themselves as to the application of the information and/or the recommendations given for their own use.