

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### Bactacid

Revision 0  
Revision date 2011-03-04

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	Bactacid
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##### 1.3. Details of the supplier of the safety data sheet

Company	Kiotechagil
Address	Unit 5 Manton Wood Enterprise Park Worksop Nottinghamshire S80 2RS United Kingdom
Web	www.kiotechagil.com
Telephone	+ 44 (0)1909 537387
Fax	+ 44 (0)1909 478919
Email	info@kiotechagil.com

##### 1.4. Emergency telephone number

Emergency telephone number	+44(0)7796437420 24 Hours
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R36/37/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes, respiratory system and skin.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ammonium formate		540-69-2	208-753-9		10 - 20%	Xi; R36/37/38
Formic acid...%	607-001-00-0	64-18-6	200-579-1		1 - 10%	C; R35
Propionic acid...%	607-089-00-0	79-09-4	201-176-3		1 - 10%	C; R34
Calcium formate		544-17-2	208-863-7		1 - 10%	Xi; R41

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air.
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## 4.1. Description of first aid measures

Eye contact	Seek medical attention.
	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Carbon oxides. Water. Water spray.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

Formic acid...%	WEL 8-hr limit ppm: 5 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 9.6 WEL 15 min limit mg/m3: -
Propionic acid...%	WEL 8-hr limit ppm: 10 WEL 15 min limit ppm: 15	WEL 8-hr limit mg/m3: 31 WEL 15 min limit mg/m3: 46

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	Wear:.. Suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Colour	Brown
Odour	Slight
pH	3.8-4.2
Description	Powder
Water solubility	Insoluble in water

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Strong acids and strong bases.
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## 10.6. Hazardous decomposition products

	Ammonia, Oxides of nitrogen and carbon dioxide.
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## SECTION 11: Toxicological information

## 11.1.4. Toxicological Information

	Rated as practically non-toxic to aquatic species.
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## SECTION 12: Ecological information

## 12.2. Persistence and degradability

	Readily biodegradable.
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## 12.3. Bioaccumulative potential

	Does not bioaccumulate.
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## SECTION 13: Disposal considerations

## General information

	Dispose of in compliance with all local and national regulations.
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## Disposal methods

	Dispose of in compliance with all local and national regulations.
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## Disposal of packaging

	Containers must be recycled in compliance with national legislation and environmental regulations.
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## SECTION 14: Transport information

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## Further information

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

## Labelling

<b>Symbols</b>	<p>The product is classified in accordance with 67/548/EEC.</p> <p>Xi: Irritant.</p> 
<b>Risk phrases</b>	R36/37/38 - Irritating to eyes, respiratory system and skin.
<b>Safety phrases</b>	<p>S1/2 - Keep locked up and out of the reach of children.</p> <p>S23 - Do not breathe gas/fumes/vapour/spray.</p> <p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</p>

## SECTION 16: Other information

## Other information

<b>Text of risk phrases in Section 3</b>	<p>R34 - Causes burns.</p> <p>R35 - Causes severe burns.</p> <p>R36/37/38 - Irritating to eyes, respiratory system and skin.</p> <p>R41 - Risk of serious damage to eyes.</p>
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## Further information

	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 material used in combination with any other materials or in any other process.
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