

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

Prefect

Revision 2
Revision date 2011-08-05

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

1.1. Product identifier

Product name	Prefect
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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	C; R34 Symbols: C: Corrosive.
Main hazards	Causes burns.

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		1 - 10%	Xi; R36/37/38
Butyric acid	607-135-00-X	107-92-6	203-532-3		1 - 10%	C; R34
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
Kieselgur		61790-53-2			1 - 10%	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek
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Prefect

Revision 2

Revision date 2011-08-05

4.1. Description of first aid measures

Eye contact	medical attention.
	Causes burns. Seek medical attention.
Skin contact	Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO ₂), Dry chemical, Foam.
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5.2. Special hazards arising from the substance or mixture

	Corrosive. 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. Evacuate personnel to a safe 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

	Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal.
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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.
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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.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Formic acid...%	WEL 8-hr limit ppm: 5	WEL 8-hr limit mg/m ³ : 9.6
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Kieselgur	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 1.2
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Propionic acid...%	WEL 8-hr limit ppm: 10	WEL 8-hr limit mg/m ³ : 31
	WEL 15 min limit ppm: 15	WEL 15 min limit mg/m ³ : 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).

Prefect

Revision 2

Revision date 2011-08-05

8.2. Exposure controls

Respiratory protection	Wear.: Self-contained breathing apparatus.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Powder
Colour	Brown
Odour	Slight
pH	3.75-4.25

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Causes burns.
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SECTION 12: Ecological information

12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	Not known to bioaccumulate.
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12.4. Mobility in soil

	No data is available on this product.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN3261
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14.2. UN proper shipping name

	CORROSIVE, SOLID, ACIDIC, ORGANIC, N.O.S. (CONTAINS BUTYRIC ACID)
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14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group	III
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Prefect

Revision 2


Revision date 2011-08-05

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	864
Maximum quantity	100 kg
Packing Instruction (Passenger)	860
Maximum quantity	25 kg

SECTION 15: Regulatory information

Labelling

Symbols	The product is classified in accordance with 67/548/EEC. C: Corrosive.
	
Risk phrases	R34 - Causes burns.
Safety phrases	S1/2 - Keep locked up and out of the reach of children. S23 - Do not breathe gas/fumes/vapour/spray. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1. Classification of the substance or mixture. 12 - 12.4. Mobility in soil. 12 - 12.2. Persistence and degradability. 12 - 12.3. Bioaccumulative potential. 14 - ADR/RID. 14 - IMDG. 14 - IATA. 15 - Labelling. 15 - Risk phrases.
Text of risk phrases in Section 3	R34 - Causes burns. R35 - Causes severe burns. R36/37/38 - Irritating to eyes, respiratory system and skin. R41 - Risk of serious damage to eyes.

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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Prefect

Revision 2

Revision date 2011-08-05
