

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Salkil Liquid

Revision 0
Revision date 2011-10-19

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

1.1. Product identifier

Product name	Salkil Liquid
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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 Xi; R37 Symbols: C: Corrosive.
Main hazards	Causes burns. Irritating to respiratory system.

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		30 - 40%	Xi; R36/37/38
Formic acid...%	607-001-00-0	64-18-6	200-579-1		10 - 20%	C; R35
Propionic acid...%	607-089-00-0	79-09-4	201-176-3		1 - 10%	C; R34

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 medical attention.
Eye contact	Causes burns.

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4.1. Description of first aid measures

Skin contact	Causes severe inflammation and may damage the cornea. Seek medical attention.
	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 (CO2), 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

	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

	Absorb with inert, absorbent material. 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.
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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 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

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8.2. Exposure controls

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: Self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear
Odour	Characteristic
pH	4 - 4.5

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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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

12.1. Toxicity

	No data is available on this product.
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12.2. Persistence and degradability

	Readily biodegradable.
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12.3. Bioaccumulative potential

	Not known to bioaccumulate.
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Further information

	At high concentrations the low pH is likely to cause problems in water courses.
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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 of packaging

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

Hazard pictograms



14.1. UN number

	UN3265
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14.2. UN proper shipping name

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (CONTAINS FORMIC ACID)

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	II
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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
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IATA

Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1 L

SECTION 15: Regulatory information

Labelling

Symbols	The product is classified in accordance with 67/548/EEC. C: Corrosive. 
Risk phrases	R34 - Causes burns. R37 - Irritating to respiratory system.
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. 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 the label where possible).

SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R34 - Causes burns. R35 - Causes severe burns. R36/37/38 - Irritating to eyes, respiratory system and skin.
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Further information

	<p>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.</p>
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