

Date prepared: 28th February 2003

Date revised: 7th January 2008

1. Identification of the Preparation and the Company

Substance or preparation trade name: **SALKIL - Liquid**
 Unique reference numbers(s): L206
 Company/undertaking name & address: **Kiotechagil**
 Hercules 2, Calleva Park
 Aldermaston, READING
 RG7 8DN, England

Telephone: +44 118 9813333
 Fax: +44 118 9810909
 Emergency telephone number: +44 1488 608178
 +44 118 9474407

2. Composition

Substance:	<i>Formic acid</i>	<i>Ammonium formate</i>	<i>Ammonium propionate</i>	<i>Propionic acid</i>
% content:	<10%	<50%	<10%	<10%
CAS Number:	64-18-6	540-69-2	17496-08-1	79-09-4
Classification:	Xi R36/38	Xi R36/38		Xi R36/37/38
EINECS:	200-579-1	208-753-9	241-503-7	201-176-3

Carrier: Water

3. Hazards Identification

Most important hazards: Xi Irritant
 Specific hazards: R36 Irritating to eyes
 R38 Irritating to skin

4. First aid measures

Skin contact: S28 After contact with skin, wash immediately with plenty of soap and water
 Eye contact: S26 In case of contact with eyes, rinse immediately with plenty of water
 Ingestion: S64 If swallowed, rinse mouth with water (only if person is conscious)
 S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

5. Fire fighting measures

Non-flammable

6. Accidental release measures

Personal precautions: Wastes are not classified as hazardous
 Environmental precautions: Wastes do not bioaccumulate

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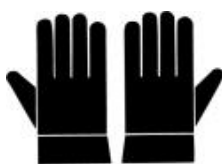
7. Handling and storage

Handling: Wear protective gloves, goggles and respirators to protect from skin and eye contact, and to prevent inhalation of fumes.

Storage: Store in clean dry conditions. Keep container closed and ensure label is intact and legible.

8. Exposure Controls

Engineering measures: N/A
Control Parameters: S1/2 Keep locked up and out of reach of children
Personal protection equipment:



Eye protection: S36 Wear suitable protective clothing
S39 Wear eye/face protection.
Hand protection: S37 Wear suitable (impervious) gloves.
Hygiene measures: S20/21 When using do not eat, drink or smoke

9. Physical and chemical properties

Appearance: Colourless liquid
Odour: Slight acrid smell
pH ~ pH 4.5 – 4.9
Flashpoint: Pensky-Marten (Closed Cup) 62°C
Specific gravity: 1.136 – 1.140
Solubility: Miscible with water

10. Stability and reactivity

When stored in sealed packaging, out of direct sunlight, in a cool dry place SALKIL-liquid retains its potency for 12 months.

Conditions to avoid: Protect from extremes of temperature
Materials to avoid: Reacts with bases

11. Toxicological information

Low hazard.

Excessive exposure may affect human health as follows:

Skin contact: R38 Irritating to the skin
Eye contact: R36 Irritating to eyes

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12. Ecological information

Wastes are not classified as hazardous to the environment, and do not bioaccumulate.

13 Disposal Considerations

Disposal must be in accordance with local and national legislation.

Spillages may be absorbed onto sand or soil, swept up and then hosed away without additional hazard other than slipperiness caused by wetting.

Dispose of through an authorised waste contractor to a licensed site.

14. Transport information

No special precautions are necessary. In case of spillages mark roads and warn other road users. Keep public away from the immediate area. Keep upwind to avoid inhaling fumes. Spillages may be absorbed onto sand or soil, swept up and then hosed away without additional hazard other than slipperiness caused by wetting.. Flush road with water. If material has entered a watercourse or sewer or contaminated soil or vegetation, advise appropriate authorities - e.g. police

15. Regulatory information

LABEL FOR SUPPLY:



RISK PHRASES:

R36 Irritating to eyes

R38 Irritating to skin

SAFETY PHRASES:

S1/2 Keep locked up and out of reach of children

S23 Do not breathe fumes

S26 In case of contact with eyes, rinse immediately with plenty of water

S28 After contact with skin, wash immediately with plenty of soap and water

S36 Wear suitable protective clothing

S39 Wear eye/face protection

S37 Wear suitable gloves

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

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S64 If swallowed, rinse mouth with water (only if person is conscious)

STATUTORY INSTRUMENTS: Health and Safety at Work Act 1974.

Chemicals (Hazard Information and Packaging for supply) Regulations 1994.

Control of Substances Hazardous to Health Regs 1988 (Si 1657).

Environmental Protection Act 1990.

CODES OF PRACTICE: Waste management: The duty of care.

GUIDANCE NOTES: Health and Safety Executive:-

Occupational exposure limits (EH 40/94)
Classification, Packaging and Labelling of Dangerous Substances Regulations 1984

16. Other Information

Recommendations/restrictions: It is important to follow the inclusion instructions detailed in the Product Data Sheet. Do not use the product for any other application without obtaining advice from Kiotechagil beforehand.

If this product is for resale, ensure that the purchaser receives a copy of this information.

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

Sources of key data: National Chemical Emergency Centre (website)

The Physical and Theoretical Chemistry Laboratory Oxford University (website)