

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## BIRD LIME NEUTRALISER

Revision 3

Revision date 2014-08-26

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

#### 1.1. Product identifier

Product name	BIRD LIME NEUTRALISER
Product code	QAFS351

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	A combination of detergents with a pH buffer that helps neutralise the acid in bird lime. The formula will re-hydrate the deposit creating a soluble solution that can be easily wiped off the paintwork. Can also be used to remove insects from glass and paintwork.
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#### 1.3. Details of the supplier of the safety data sheet

Company	SUPAGARD LIMITED
Address	19-27 Gavinton Street Muirend Glasgow G44 3EF
Web	www.supagard.co.uk
Telephone	0141 633 5933
Fax	01416377219
Email	James.Smyth@supagard.com
Email address of the competent person	James.Smyth@supagard.com

#### 1.4. Emergency telephone number

Emergency telephone number	01416335933 8.30am to 5.00pm
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### SECTION 2: Hazards identification

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

2.1.1. Classification - 1999/45/EC	R10 Symbols:
Main hazards	Flammable.

#### 2.2. Label elements

Risk phrases	No symbol required. R10 - Flammable.
Safety phrases	S2 - Keep out of the reach of children. S3/9/49 - Keep only in the original container in a cool, well-ventilated place. S16 - Keep away from sources of ignition - No smoking. S25 - Avoid contact with eyes.

#### 2.3. Other hazards

Other hazards	PBT not identified as a PBT substance.
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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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## 3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Triethanolamine		102-71-6	203-049-8		1 - 10%	Xi; R36
C9-11 Alcohol ethoxylate		68439-46-3			1 - 10%	Xn; R22 Xi; R41
Alkyl Amine Oxide		68955-55-5	273-281-2		0 - 0.5%	Xi; R38-41 N; R50
Ethyl alcohol (Ethanol)	603-002-00-5	64-17-5	200-578-6		1 - 10%	F; R11
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0	01-2119475108-36	1 - 10%	Xn; R20/21/22 Xi; R36/38

## Further information

<b>Product Description &amp; Uses</b>	A combination of detergents with a pH buffer that helps neutralise the acid in bird lime. The formula will re-hydrate the deposit creating a soluble solution that can be easily wiped off the paintwork. Can also be used to remove insects from glass and paintwork.
<b>Product Shelf Life</b>	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed.
<b>Skin contact</b>	Remove contaminated clothing. Wash with water and soap as a precaution.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.
<b>Ingestion</b>	May cause irritation to mucous membranes.

## 4.3. Indication of any immediate medical attention and special treatment needed

<b>Inhalation</b>	TREAT SYMPTOMATICALLY. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

## General information

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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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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## Further information

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires.
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## Further information

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## SECTION 6: Accidental release measures

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

Wear suitable protective equipment. Flammable liquid. Avoid sparks, flames, heat and sources of ignition.

### 6.2. Environmental precautions

Advise local authorities if large spills cannot be contained.

### 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.

### 6.4. Reference to other sections

See section 2, 7, 8, 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2. Conditions for safe storage, including any incompatibilities

Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.

### 7.3. Specific end use(s)

A combination of detergents with a pH buffer that helps neutralise the acid in bird lime. The formula will re-hydrate the deposit creating a soluble solution that can be easily wiped off the paintwork. Can also be used to remove insects from glass and paintwork.

### Suitable packaging

Plastic containers.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure controls.

#### 8.1.1. Exposure Limit Values

Ethyl alcohol (Ethanol)	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: -

### 8.2. Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.

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## 8.2. Exposure controls

Eye / face protection	Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.
Skin protection - Handprotection	Rubber gloves.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8.2.3. Environmental exposure controls	Prevent further leakage or spillage if safe to do so.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear
Odour	Characteristic
pH	8 - 10
Melting point	Not applicable.
Boiling point	No data available
Flash point	51 °C
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	< 50 centipoise
Explosive	No data available
Oxidising	Not applicable.
Solubility	Soluble in water

## 9.2. Other information

Specific gravity	1 - 1.01 g/cm <sup>3</sup>
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	< 5 g/l
Conductivity	Not applicable.
Surface tension	No data available

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Flammable liquid. Stable under normal conditions.
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## 10.2. Chemical stability

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

	Oxidising agents. Combustible materials.
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## 10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.
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## 10.5. Incompatible materials

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## 10.5. Incompatible materials

Oxidising agents.

## 10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

## Skin corrosion/irritation

Not anticipated under normal conditions of use. May cause irritation to skin.

## Serious eye damage/irritation

Not anticipated under normal conditions of use.

## Respiratory or skin sensitisation

Not anticipated under normal conditions of use. May cause irritation to respiratory system.

## Repeated or prolonged exposure

Prolonged contact may cause defatting of the skin.

## 11.1.2. Mixtures

No data available.

## 11.1.3. Hazard Information

No data available.

## 11.1.4. Toxicological Information

No data available

**SECTION 12: Ecological information**

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data available.

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## General information

Dispose of in compliance with all local and national requirements.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.


**SECTION 14: Transport information**

## Hazard pictograms

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<b>Hazard pictograms</b>	
	
<b>14.1. UN number</b>	
	UN1993
<b>14.2. UN proper shipping name</b>	
	FLAMMABLE LIQUID, N.O.S.
<b>14.3. Transport hazard class(es)</b>	
ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-
<b>14.4. Packing group</b>	
Packing group	III
<b>14.5. Environmental hazards</b>	
Environmental hazards	No
Marine pollutant	No
<b>ADR/RID</b>	
Hazard ID	30
Tunnel Category	(D/E)
<b>IMDG</b>	
EmS Code	F-E S-E
<b>IATA</b>	
Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L
<b>SECTION 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>Regulations</b>	<p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>
<b>15.2. Chemical safety assessment</b>	

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## 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 1 - Description. 3 - Product Description & Uses. 7 - 7.3. Specific end use(s).
Text of risk phrases in Section 3	R11 - Highly flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R50 - Very toxic to aquatic organisms.
Maximum content of VOC	5 g/l.

## 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.