

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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ZAPPLE.

Revision 0

Revision date 2015-03-30

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

1.1. Product identifier

Product name ZAPPLE.

1.3. Details of the supplier of the safety data sheet

Company	Spectrum Industrial Limited
Address	19/24 Bedesway Bede Industrial Estate Jarrow Tyne & Wear NE32 3EG
Web	www.spectrumindustrial.co.uk
Telephone	0191 4301111
Fax	0191 4837422
Email	sales@spectrum-ind.co.uk
Email address of the competent person	sales@spectrum-ind.co.uk

1.4. Emergency telephone number


Emergency telephone number	0191 4301111 9.00 am - 5.00 pm Mon - Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	C; R34 Symbols: C: Corrosive.
Main hazards	Causes burns.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Irrit. 2: H319;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention.

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2.2. Label elements

P337+P313 - If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2	01-2119485924-24	1 - 10%	C; R34
BIS (2-HYDROXYETHYL) OLEYL AMINE		25307-17-9	246-807-3		1 - 10%	C; R34 Xn; R22 N; R50

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2	01-2119485924-24	1 - 10%	Skin Corr. 1B: H314;
BIS (2-HYDROXYETHYL) OLEYL AMINE		25307-17-9	246-807-3		1 - 10%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400;

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. Seek medical attention.
Eye contact	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	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

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

For personal protection see section 8. Collect and dispose of spillage as indicated in section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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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.

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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

WEL = Work place exposure limit.

8.1.1. Exposure Limit Values

Phosphoric acid...% (Orthophosphoric acid)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2

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

Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Green
Odour	Characteristic
Boiling point	100
Relative density	1.035 (Water = 1 @ 20 °C)
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.4. Conditions to avoid

Heat, sparks and open flames.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

CAUSES SKIN IRRITATION.

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11.1. Information on toxicological effects

Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

SECTION 12: Ecological information

Further information

Ecotoxicity	Not regarded as dangerous for the environment.
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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

Further information

	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

	Safety Data Sheet prepared in accordance with REACH commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC classification, packaging & labelling of dangerous substances & GHS/CLP - Regulations (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
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15.2. Chemical safety assessment

	No chemical safety assesment has been carried out as not applicable as this product is a mixture.
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SECTION 16: Other information

Other information

	The Risk Phrases/Hazard statements listed below in this section No 16 relate to the Raw Materials (ingredients) in the Product (as listen in section 3) and NOT the product intself. For the Risk Phrases/Hazard Statements relating to this Product see Section 2.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R50 - Very toxic to aquatic organisms.
Text of Hazard Statements in Section 3	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Acute Tox. 4: H302 - Harmful if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life.

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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