

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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KEMET DIAMOND STICK COMPOUND

Revision 11
Revision date 2017-01-18

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

1.1. Product identifier

Product name	KEMET DIAMOND STICK COMPOUND
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU0] Other; [PC24] Lubricants, greases, release products;
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1.3. Details of the supplier of the safety data sheet

Company	Kemet International Ltd
Address	Parkwood Trading Estate Maidstone Kent ME15 9NJ
Web	www.kemet.co.uk
Telephone	+44 (0)1622 755287
Fax	+44 (0)1622 670915
Email	sales@kemet.co.uk
Email address of the competent person	nroper@kemet.co.uk

Local Supplier

Company	Kemet International Ltd
Address	Sutton Road Parkwood Trading Estate Maidstone Kent ME15 9NJ UK
Web	www.kemet.co.uk
Telephone	01622755287
Fax	01622670915
Email	sales@kemet.co.uk

1.4. Emergency telephone number

Emergency telephone number	01622755287
Company	Kemet International Ltd 09.00-17.00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;
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2.2. Label elements

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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

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	M-factor.
Polyoxyethylene Tridecyl Phosphate Ester		9046-01-9			1 - 10%	Xi; R38-41	
Synthetic Diamond		7782-40-3	231-953-2		1 - 10%		
Ceteareth-10		68439-49-6			1 - 10%	Xn; R22 Xi; R41	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Polyoxyethylene Tridecyl Phosphate Ester		9046-01-9			1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;	
Synthetic Diamond		7782-40-3	231-953-2		1 - 10%		
Ceteareth-10		68439-49-6			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Seek medical attention.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	May cause irritation to skin. Wash with soap and water.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention. Rinse mouth thoroughly. Drink 1 to 2 glasses of water.

General information

	If you feel unwell, seek medical advice (show the label where possible). Wash all contaminated clothing before reuse.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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5.2. Special hazards arising from the substance or mixture

	Toxic Fumes may be formed in fire conditions.
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5.3. Advice for firefighters

	Wear: Self-contained breathing apparatus.
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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. Surfaces contaminated with the product will become slippery.

6.2. Environmental precautions

Do not allow product to enter drains.

6.3. Methods and material for containment and cleaning up

Clean spillage area thoroughly with plenty of water. Clean area thoroughly with detergent. Transfer to suitable, labelled containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear suitable protective equipment. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in original container.

Suitable packaging

Plastic containers.

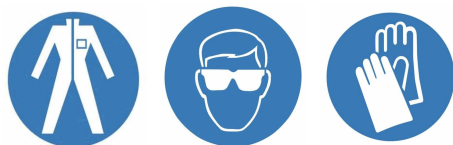
SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Synthetic Diamond	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3: 4
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area. Mechanical ventilation recommended.

8.2.2. Individual protection measures

Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

Eye / face protection

Safety glasses. Wear Splash-proof eye goggles manufactured and tested according to EN 166.

Skin protection - Handprotection

Chemical resistant gloves (PVC). Use Chemical resistant gloves according to EN 374. Suitability and durability of the glove is dependant on glove material and duration of contact.

Respiratory protection

Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Various Depending On Grade
Odour threshold	No data available
pH	> 4
Melting point	No data available
Initial boiling point	No data available
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	No data available
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	≈ 1 (H ₂ O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	> 5000 x 10 ⁻⁶ m ² /s @ 40 °C (ISO 3104/3105)
Explosive properties	No data available
Oxidising properties	No data available

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	Not applicable.
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	Not applicable.

Water solubility

	Miscible.
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SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Strong oxidising agents.
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10.6. Hazardous decomposition products

	Carbon oxides.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	May be harmful by ingestion, inhalation or if absorbed through the skin.
Skin corrosion/irritation	May cause irritation to skin. May cause irritation to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes. May cause dermatitis.

11.1.4. Toxicological Information

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11.1.4. Toxicological Information

Ceteareth-10	Oral Rat LD50: 500 mg/Kg ATE
Polyoxyethylene Tridecyl Phosphate Ester	Oral Rat LD50: >2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

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

Partition coefficient

	KEMET DIAMOND STICK COMPOUND No data available
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Further information

	No known adverse environmental effects.
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SECTION 13: Disposal considerations

General information

	Can be incinerated if in compliance with local and national regulations. Dispose of in compliance with all local and national regulations.
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Disposal of packaging

	Empty containers can be sent for disposal or recycling.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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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

Regulations	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,
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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. 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. Regulation (EC) No 1907/2006 REACH, Regulation (EC) No 1272/2008 CLP. The Health and Safety at Work Act 1974. Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

A chemical safety assessment has not been conducted.

SECTION 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 1 - Product Use. 2 - 2.1. Classification of the substance or mixture. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 8 - 8.2.1. Appropriate engineering controls. 8 - Skin protection - Handprotection. 8 - Eye / face protection. 9 - 9.1. Information on basic physical and chemical properties (Colour). 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 12 - 12.1. Toxicity. 15 - Labelling. 15 - Risk phrases. 15 - Safety phrases. 15 - Precautionary Phrases.
Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed. R38 - Irritating to skin. R41 - Risk of serious damage to eyes.</p>
Text of Hazard Statements in Section 3	<p>Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. Acute Tox. 4: H302 - Harmful if swallowed.</p>

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.