

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### KEMET DIAMOND COMPOUND TYPE S

Revision 15

Revision date 2015-05-13

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

##### 1.1. Product identifier

Product name	KEMET DIAMOND COMPOUND TYPE S
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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; [PC25] Metal working fluids; [PROC21] Low energy manipulation of substances bound in materials and/or articles; [ERC12a] Industrial processing of articles with abrasive techniques (low release);
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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

##### 1.4. Emergency telephone number


Emergency telephone number	+44 (0) 1622 755287
Company	N Roper 9.00-5.00

#### SECTION 2: Hazards identification

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

2.1.1. Classification - 1999/45/EC	Xi; R41 Symbols: Xi: Irritant.
Main hazards	Risk of serious damage to eyes.
2.1.2. Classification - EC 1272/2008	Eye Dam. 1: H318;

##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Eye Dam. 1: H318 - Causes serious eye damage.

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## 2.2. Label elements

Precautionary Statement: Prevention	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. P310 -Immediately call a POISON CENTER/doctor/ .

## 2.3. Other hazards

Other hazards	Contact with the eyes should be avoided due to the abrasive nature of the product. PBT/vPvB assessment is not available as a chemical safety assessment is either not required or has not been conducted.
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## 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.
Cetareth-10		68439-49-6			10 - 20%	Xn; R22 Xi; R41	

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Cetareth-10		68439-49-6			10 - 20%	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. May cause irritation to eyes.
Skin contact	May cause irritation to skin. Wash with soap and water.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink 1 to 2 glasses of water. Seek medical attention.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause temporary eye irritation or eye damage due to the abrasive nature of the product.
Skin contact	Prolonged contact may cause redness, irritation and dryness.
Ingestion	Ingestion may cause nausea and vomiting.

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

Inhalation	Remove the affected person from the source of contamination immediately.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash with soap and water.
Ingestion	DO NOT INDUCE VOMITING. 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 as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. Use extinguishing media appropriate to the surrounding fire conditions.
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## 5.2. Special hazards arising from the substance or mixture

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## 5.2. Special hazards arising from the substance or mixture

Toxic Fumes and Dust may be formed in fire conditions.

## 5.3. Advice for firefighters

Wear: Self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation of the working area. Sweep up.

### 6.2. Environmental precautions

Do not allow product to enter drains. Do not flush into surface water.

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

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

### 6.4. Reference to other sections

See section 2, 7, 8 & 9 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

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

Keep in a cool, dry, well ventilated area. Store in original container. Do NOT allow to freeze.

### 7.3. Specific end use(s)

Use as Supplied. For use as a metal working lubricant/coolant in industrial applications only.

### Suitable packaging

Plastic containers.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Ensure adequate ventilation of the working area.

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 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. Avoid contact with eyes.

#### Skin protection - Handprotection

Chemical resistant gloves (PVC).

#### Respiratory protection

Not normally required. Wear suitable respiratory equipment when necessary.

#### 8.2.3. Environmental exposure controls

Dispose of this material and its container to hazardous or special waste collection point.

## 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

<b>Appearance</b>	Paste
<b>Colour</b>	Various Depending On Grade
<b>Odour</b>	Slight
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	No data available
<b>Melting point</b>	> 40 °C
<b>Initial boiling point</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	No data available
<b>Relative density</b>	1.05 g/ml Approx
<b>Water solubility</b>	No data available
<b>Partition coefficient (n-octanol/water)</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Slightly miscible in water

## 9.2. Other information

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

## Water solubility

Slightly Miscible.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

None expected under normal conditions of use.

## 10.2. Chemical stability

Will not decompose if stored and used as recommended.

## 10.3. Possibility of hazardous reactions

None expected under normal conditions of use.

## 10.4. Conditions to avoid

Do NOT allow to freeze. Direct sunlight. Heat, sparks and open flames.

## 10.5. Incompatible materials

Strong acids. Strong bases.

## 10.6. Hazardous decomposition products

Incomplete combustion will produce toxic and noxious fumes including carbon monoxide and carbon dioxide.

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**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	MAY CAUSE EYE IRRITATION.
Respiratory or skin sensitisation	No sensitization effects reported.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

**11.1.4. Toxicological Information**

	No data available
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**SECTION 12: Ecological information****12.1. Toxicity**

	No data available
	No data is available on this product.

**12.2. Persistence and degradability**

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

	No data is available on this product.
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**Partition coefficient**

	<b>KEMET DIAMOND COMPOUND</b> No data available <b>TYPE S</b>
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**12.4. Mobility in soil**

	No data is available on this product.
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**12.5. Results of PBT and vPvB assessment**

	PBT/vPvB assessment is not available as a chemical safety assessment is either not required or has not been conducted.
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**12.6. Other adverse effects**

	No known adverse environmental effects.
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**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

	Allocation of the correct EWC Number should be done in accordance with the European Waste Catalogue and should be carried out in agreement with an EA authorised waste disposal company.
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**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 methods**

	Dispose of this material and its container to hazardous or special waste collection point.
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**Disposal of packaging**

	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Empty containers can be sent for disposal or recycling.
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**SECTION 14: Transport information**

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## 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, 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.
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## 15.2. Chemical safety assessment

	A chemical safety assessment has not been conducted.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (Odour threshold). 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R41 - Risk of serious damage to eyes.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage.

## 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
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**Further information**

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	combination with any other materials or in any other process.
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