

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/7

KEMET DIAMOND COMPOUND TYPE X-L2 (S)

Revision 9

Revision date 2016-09-29

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

1.1. Product identifier

Product name	KEMET DIAMOND COMPOUND TYPE X-L2 (S)
--------------	--------------------------------------

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; [PROC17] Lubrication at high energy conditions and in partly open process; [ERC12a] Industrial processing of articles with abrasive techniques (low release); [AC7] Metal articles;
-------------	---

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; R36 Symbols: Xi: Irritant.
Main hazards	Irritating 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.

KEMET DIAMOND COMPOUND TYPE X-L2 (S)

Revision 9

Revision date 2016-09-29

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.
---------------	---

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			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.
Cetareth-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. 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. Coughing, difficulty in breathing.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Causes severe inflammation and may damage the cornea.
Skin contact	Wash with soap and water. Repeated or prolonged exposure may cause dermatitis.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. Ingestion may cause nausea and vomiting.

General information

	If you feel unwell, seek medical advice (show the label where possible). Wash all contaminated clothing before reuse.
--	---

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. Use extinguishing media
--	---

KEMET DIAMOND COMPOUND TYPE X-L2 (S)

Revision 9

Revision date 2016-09-29

5.1. Extinguishing media

appropriate to the surrounding fire conditions.

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. Avoid extremes of temperature during storage.

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

Use Chemical resistant gloves according to EN 374. Suitability and durability of the glove is dependant on glove material and duration of contact. Breakthrough time glove material and thickness data are currently not available. Contact the glove manufacturer for more information.

Respiratory protection

Not normally required. If mechanical ventilation is insufficient to maintain OEL below the specified limits as a temporary measure a respirator to EN143 P2 /P3 may be used. PPE should only be

KEMET DIAMOND COMPOUND TYPE X-L2 (S)

Revision 9

Revision date 2016-09-29

8.2. Exposure controls

	used when necessary and is not a substitute for mechanical ventilation. Suitable half mask respirator with filter P3 (EN 143).
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

Appearance	Paste
Colour	Various Depending On Grade
Odour	Slight
Odour threshold	Not applicable.
pH	Not applicable.
Melting point	No data available
Initial boiling point	No data available
Flash point	No data available
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	No data available
Explosive properties	Not applicable.
Oxidising properties	No data available
Solubility	Slightly miscible in water

9.2. Other information

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

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
--	--

KEMET DIAMOND COMPOUND TYPE X-L2 (S)

Revision 9
Revision date 2016-09-29

10.6. Hazardous decomposition products

carbon dioxide.

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

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.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

KEMET DIAMOND COMPOUND No data available
TYPE X-L2 (S)

12.4. Mobility in soil

No data is available on this product.

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.

12.6. Other adverse effects

No known adverse environmental effects.

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.

General information

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

Disposal methods

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

Disposal of packaging

Empty containers can be sent to landfill after cleaning, if in compliance with local and national

KEMET DIAMOND COMPOUND TYPE X-L2 (S)

Revision 9

Revision date 2016-09-29

Disposal of packaging

regulations. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

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.

Further information

The product is not classified as dangerous for carriage.

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.

15.2. Chemical safety assessment

A chemical safety assessment has not been conducted.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:.

- 8 - Respiratory protection.
- 8 - Skin protection - Handprotection.

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

KEMET DIAMOND COMPOUND TYPE X-L2 (S)

Revision 9

Revision date 2016-09-29

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.
--	--
