

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/7

KEMET LUBRICATING FLUID TYPE W

Revision 12

Revision date 2024-05-09

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

1.1. Product identifier

Product name	KEMET LUBRICATING FLUID TYPE W
Nanoform	Not applicable.

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;
-------------	--

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 Europe BV
Address	P.O. Box 163 4600 Ad Bergen Op Zoom Netherlands
Telephone	0054 137 25671
Email address of the competent person	info@kemet-europe.com

1.4. Emergency telephone number

Emergency telephone number	+44 1865 407333
Company	NCEC 24 Hr (English Only) Poison Centre England 0854 46 47 Scotland 08454 24 24 24 Ireland +353 (0)1 809 2166

SECTION 2: Hazards identification

KEMET LUBRICATING FLUID TYPE W

Revision 12
Revision date 2024-05-09

2.2. Label elements

Hazard Statement	No Significant Hazard
------------------	-----------------------

2.3. Other hazards

Other hazards	None Known.
---------------	-------------

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Di Propylene Glycol		25265-71-8	246-770-3	01-2119456811-38	40 - 50%	

No Significant Hazard. None of the ingredients in this product are classified as hazardous.

Description

No Significant Hazard. None of the ingredients in this product are classified as hazardous.

Particle Characteristics

Not applicable.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Seek medical attention. Move the exposed person to fresh air. If breathing stops, provide artificial respiration.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink 1 to 2 glasses of water.

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

Inhalation	None Known.
Eye contact	None Known.
Skin contact	None Known.
Ingestion	None Known.

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

If you feel unwell, seek medical advice (show the label where possible).

General information

Wash all contaminated clothing before reuse.

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, Alcohol resistant foam, Water spray.

5.2. Special hazards arising from the substance or mixture

Carbon oxides.

5.3. Advice for firefighters

Wear: Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

KEMET LUBRICATING FLUID TYPE W

Revision 12

Revision date 2024-05-09

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Avoid Inhalation of vapour.
--	---

6.2. Environmental precautions

	Do not allow product to enter drains.
--	---------------------------------------

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

	See section 2, 3, 8, 9 & 13 for further information.
--	--

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Wear suitable protective equipment. Do not breathe gas/fumes/vapour/spray.
--	--

7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
Suitable packaging	PET. Plastic containers. Stainless steel containers.

7.3. Specific end use(s)

	For industrial/research use only. See separate instruction sheet for correct method of use.
--	---

Suitable packaging

	Plastic containers.
--	---------------------

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	Contains no substances with occupational exposure limit values. Mechanical ventilation recommended.
--	---

8.1.1. Exposure Limit Values

Di Propylene Glycol	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m ³ : 0 None given
	WEL 15 min limit ppm:	WEL 15 min limit mg/m ³ :
	WEL 8-hr limit mg/m ³ total inhalable dust:	WEL 15 min limit mg/m ³ total inhalable dust:
	WEL 8-hr limit mg/m ³ total respirable dust:	WEL 15 min limit mg/m ³ total respirable dust:

DNEL: Derived no-effect level.

Exposure Pattern - Workers

Di Propylene Glycol	Long-term - inhalation - Systemic effects	70 mg/m ³	
	Long-term - dermal - Systemic effects	51 mg/kg	Long-term - oral - Systemic effects 24 mg/kg

Exposure Pattern - General population


Di Propylene Glycol	Long-term - inhalation - Systemic effects	238 mg/m ³	
	Long-term - dermal - Systemic effects	84 mg/kg	

KEMET LUBRICATING FLUID TYPE W

Revision 12

Revision date 2024-05-09

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. 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

Appearance	Aqueous solution
Colour	Colourless
pH	No data available
Melting point	No data available
Initial boiling point	100
Flash point	130 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper Explosive Limit	No data available
Lower Explosive Limit	No data available
Vapour pressure	No data available
Relative Vapour Density	No data available
Density / Relative Density	= 1.038 (H ₂ O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	≈ 332 °C
Viscosity	= 8.1 mm ² /s @ 20 °C (BS EN Brookfield)
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

Water solubility

	Complete.
--	-----------

9.2.1. Information with regard to physical hazard classes

	No data is available on this product.
--	---------------------------------------

9.2.2. Other safety characteristics

	No data is available on this product.
--	---------------------------------------

KEMET LUBRICATING FLUID TYPE W

Revision 12
Revision date 2024-05-09

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

10.3. Possibility of hazardous reactions

	No data is available on this product.
--	---------------------------------------

10.4. Conditions to avoid

	No data is available on this product.
--	---------------------------------------

10.5. Incompatible materials

	Strong oxidising agents.
--	--------------------------

10.6. Hazardous decomposition products

	Carbon oxides.
--	----------------

SECTION 11: Toxicological information

11.1 Information on hazard classes

Acute toxicity	No data is available on this product.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No data is available on this product.
Repeated or prolonged exposure	May cause dermatitis.

11.1.4. Toxicological Information

Di Propylene Glycol	Inhalation Rat LC50/4 h: >2.34 mg/l Dermal Rabbit LD50: >5010 mg/kg	Oral Rat LD50: >5000 mg/kg
---------------------	--	----------------------------

11.2 Information on other hazards

	No data is available on this product.
--	---------------------------------------

SECTION 12: Ecological information

12.1. Toxicity

Di Propylene Glycol	Daphnia EC50/48h: 100.0000 mg/l Algae EC50/72h: >100 mg/l Fish LC50/24h: >5000 mg/l	Fish LC50/96h: 1000.0000 mg/l Daphnia LC50/48h: >100 mg/l
---------------------	---	--

	No data is available on this product.
--	---------------------------------------

12.2. Persistence and degradability

	This product is expected to be readily biodegradable.
--	---

12.3. Bioaccumulative potential

	No data is available on this product.
--	---------------------------------------

Partition coefficient

	KEMET LUBRICATING FLUID TYPE W No data available
--	--

12.4. Mobility in soil

	No data is available on this product.
--	---------------------------------------

KEMET LUBRICATING FLUID TYPE W

Revision 12

Revision date 2024-05-09

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 Endocrine disrupting properties

	This product does not contain any known or suspected endocrine disruptors.
--	--

12.7. Other adverse effects

	No data is available on this product.
--	---------------------------------------

Further information

	No known adverse environmental effects.
--	---

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.
--	--

Disposal of packaging

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

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.
	No data is available on this product.

14.7 Maritime Transport in bulk according to IMO instruments

	The product is not classified as dangerous for carriage.
	No known adverse health effects.

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	The Health and Safety at Work Act 1974. Workplace Exposure Limits EH40. COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
-------------	--

15.2. Chemical safety assessment

	A chemical safety assessment has not been conducted.
--	--

KEMET LUBRICATING FLUID TYPE W

Revision 12

Revision date 2024-05-09

SECTION 16: Other information

Other information

Revision

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

11 - 11.2 Information on other hazards.

Further information

The information supplied in this safety data sheet as supplied by KEMET INTERNATIONAL Ltd is to the best of our knowledge, information and belief correct at the date of publication. 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.