

## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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### KEMET CLEANING FLUID CO42

Revision 53

Revision date 2022-12-15

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

##### 1.1. Product identifier

Product name	KEMET CLEANING FLUID CO42
Other means of identification	UFI:W0S2-G098-R00V-VP37.
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; [PC0] Other;
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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 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

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## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	: EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Sens. 1: H317; STOT SE 3: H336; Aquatic Chronic 3: H412;
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## 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Sens. 1: H317 - May cause an allergic skin reaction. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P331 - Do NOT induce vomiting. This material and its container must be disposed of as hazardous waste.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ . P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P331 - Do NOT induce vomiting. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P370+P378 - In case of fire: Use carbon dioxide (CO2), Foam, Water spray to extinguish.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste disposal plant (in accordance with local/regional/national/international regulation).
SUPPLEMENTAL HAZARD INFORMATION	EUH066 - Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

Other hazards	In use, may form flammable/explosive vapour-air mixture.
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## SECTION 3: Composition/information on ingredients

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## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
HYDROCARBONS, C9-C11, n-alkanes, cyclics, <2% aromatics		64742-48-9	919-857-5	01-2119463258-33	70 - 80%	: EUH066; Flam. Liq. 3: H226; Asp. Tox. 1: H304; STOT SE 3: H336;
1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	603-064-00-3	107-98-2	203-539-1	01-2119457435-35	20 - 30%	Flam. Liq. 3: H226; STOT SE 3: H336;
D Limonene	601-029-00-7	138-86-3	205-341-0		1 - 10%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

## Particle Characteristics

No data is available on this product.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

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

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

Inhalation	Headache, nausea and vomiting. In severe cases, may cause loss of consciousness. Vapours may cause drowsiness and dizziness. Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system. Upper respiratory irritation, irritation of nose, throat and airway. Nausea, vomiting. Unconsciousness and convulsions can occur.
Eye contact	May cause irritation to eyes.
Skin contact	Prolonged contact may cause redness, irritation and dryness. Repeated exposure may cause skin dryness or cracking.
Ingestion	Harmful if swallowed.

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

	Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately. Treat Symptomatically.
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## General information

	If you feel unwell, seek medical advice (show the label where possible). Keep the affected person warm and at rest. Remove contaminated clothing. 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. Do NOT use water jet.
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## 5.2. Special hazards arising from the substance or mixture

	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Aldehydes. Hydrocarbons.
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## 5.3. Advice for firefighters

	Wear: Self-contained breathing apparatus. Protective equipment.
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## Further information

	Do not allow runoff water to enter sewers or drains.
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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. Keep personnel away from spill. Evacuate personnel to a safe area. Eliminate all sources of ignition.
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**6.2. Environmental precautions**

	Do not allow product to enter drains. Advise local authorities if large spills cannot be contained.
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**6.3. Methods and material for containment and cleaning up**

	Clean spillage area thoroughly with plenty of water. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
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**6.4. Reference to other sections**

	See section 2, 3, 8, 9 & 13 for further information.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Wear suitable protective equipment. Do not breathe gas/fumes/vapour/spray. Use in a well ventilated area. Do not spray on naked flame or any other incandescent material. Exhaust ventilation necessary if product is sprayed.
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**7.2. Conditions for safe storage, including any incompatibilities**

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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**Suitable packaging**

	Plastic containers. Steel, HDPE, Glass.
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**7.3. Specific end use(s)**

	Cleaning.
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**Suitable packaging**

	Plastic containers. PET. Stainless steel containers.
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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1. Exposure Limit Values**

1-Methoxy-2-propanol (1-Methoxypropan-2-ol)	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m3: 375
	WEL 15 min limit ppm: 150	WEL 15 min limit mg/m3: 560
	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:
HYDROCARBONS, C9-C11, n-alkanes, cyclics, <2% aromatics	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: Advisory OEL 1200
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	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:

DNEL: Derived no-effect level.

**Exposure Pattern - Workers**

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## Exposure Pattern - Workers

HYDROCARBONS, C9-C11, n-alkanes, cyclics, <2% aromatics	Long-term - inhalation - Systemic effects 871 mg/m <sup>3</sup>
	Long-term - dermal - Systemic effects 208 mg/kg

## Exposure Pattern - General population

HYDROCARBONS, C9-C11, n-alkanes, cyclics, <2% aromatics	Long-term - inhalation - Systemic effects 185 mg/m <sup>3</sup>	
	Long-term - dermal - Systemic effects 125 mg/kg	Long-term - oral - Systemic effects 125 mg/kg

## 8.2. Exposure controls

	  
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Provide appropriate ventilation including local exhaust ventilation to ensure OES or MEL values are not exceeded.
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	Avoid contact with eyes. Wear Splash-proof eye goggles manufactured and tested according to EN 166.
Skin protection - Handprotection	Chemical resistant gloves (PVC). Nitrile rubber gloves. Use Chemical resistant gloves according to EN 374. Suitability and durability of the glove is dependant on glove material and duration of contact.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Suitable half mask respirator with filter P2 (EN 143).
8.2.3. Environmental exposure controls	Do not allow product to enter drains.

## 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	Liquid
Colour	Clear
Odour	Pleasant
pH	Not applicable.
Melting point	Not applicable.
Initial boiling point	118
Flash point	32
Flammability (solid, gas)	Flammable
Upper Explosive Limit	7
Lower Explosive Limit	0.6
Vapour pressure	No data available
Relative Vapour Density	No data available
Density / Relative Density	0.808
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	0.6-7.0 (Vol%)
Decomposition temperature	No data available
Solubility	Insoluble in water

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Softening point	Not applicable.
Pour point	Not applicable.
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	≈ 800

## Water solubility

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## 9.2.1. Information with regard to physical hazard classes

	No data is available on this product.
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## 9.2.2. Other safety characteristics

	No data is available on this product.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Flammable liquid and vapour.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	None expected under normal conditions of use.
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## 10.4. Conditions to avoid

	Heat, sparks and open flames. Take precautionary measures against static discharge.
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## 10.5. Incompatible materials

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## 10.5. Incompatible materials

Strong acids. Strong oxidising agents.

## 10.6. Hazardous decomposition products

Aldehydes. Hydrocarbons.

## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

Acute toxicity	Harmful if swallowed. Inhalation may cause nausea and vomiting. May cause dizziness and headache.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May Cause Eye Irritation.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause drowsiness or dizziness.
Aspiration hazard	The fluid can enter the lungs and cause damage. May be fatal if swallowed and enters airways.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

## 11.1.4. Toxicological Information

HYDROCARBONS, C9-C11, n-alkanes, cyclics, <2% aromatics	Dermal Rat LD50: 5000 mg/kg	Dermal Rabbit LD50: 5000 mg/kg
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## SECTION 12: Ecological information

## 12.1. Toxicity

HYDROCARBONS, C9-C11, n-alkanes, cyclics, <2% aromatics	Daphnia EC50/48h: 1000.0000 mg/l	Algae IC50/72h: 1000.0000 mg/l
	Fish LC50/96h: 1000.0000 mg/l	Rainbow trout LC50/96h: >1000 mg/kg

No data is available on this product. Toxic to fish.

## 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 CLEANING FLUID CO42 No data available

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

Not classified as PBT/vPvB by current Eu Criteria. UVCB (Hydrocarbons C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics).

## 12.6 Endocrine disrupting properties

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

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## 12.7. Other adverse effects

	No data is available on this product.
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## Further information

	Evaporates readily.
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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. Dispose of this material and its container to hazardous or special waste collection point.
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## General information

	Can be incinerated if in compliance with local and national regulations. Dispose of as special waste in compliance with local and national regulations.
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## Disposal of packaging

	Containers must be recycled in compliance with national legislation and environmental regulations. Do not pierce or burn, even after use.
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## Further information

	Waste from residues/unused products: do not discharge effluent containing this product into waterways or sewerage systems without proper authorisation.
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## SECTION 14: Transport information

## Hazard pictograms

	
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## 14.1. UN number

	UN1993
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## 14.2. UN proper shipping name

	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
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## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## 14.6. Special precautions for user

	No data is available on this product.
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## 14.7 Maritime Transport in bulk according to IMO instruments



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## 14.7 Maritime Transport in bulk according to IMO instruments

	No known adverse health effects.
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## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-E
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

## 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).
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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:. 2 - Hazard pictograms.
Text of Hazard Statements in Section 3	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H336 - May cause drowsiness or dizziness. Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Maximum content of VOC	800.

## 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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