



Kemetyl

Safety data sheet

According to Regulation (EU) No 830/2015

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : KEMETYL T-VATTEN DEMINERALISED WATER
Product code : 1305, 3087
Chemical name : Registration nr.
Registration nr. : ----
CAS nr. : 7732-18-5

1.2. Relevant identified uses of the substance or mixture and uses advised against

Application : Consumer product (SU21). Engine maintenance.

1.3. Details of the supplier of the safety data sheet

Supplier : Kemetyl AB
Rörvägen 7
136 50 Haninge, Sweden
Telephone : +46-8 504 10100
E-mail : msds@kemetyl.com
Website : www.kemetyl.com

1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

SE - Telephone : +46-8 504 10100 (During office hours only)

EMERGENCY TELEPHONE NUMBER (in the UK and Ireland for healthcare professionals only):

National Poisons Information Service +44-844 892 0111 (24/7)

SECTION 2 HAZARDS IDENTIFICATION

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2.1. Classification of the substance or mixture

CLP classification : Not classified as dangerous according to Regulation (EC) No 1272/2008.
(1272/2008/EC)

2.2. Label elements

Label elements (1272/2008/EC):

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : None.

Additional labelling
:
: CAS nr.: 7732-18-5

2.3. Other hazards

Other information : Not classified as PBT or vPvB.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

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3.1. Substances

Product description : Substance. Not classified as PBT or vPvB. Not included in the EU list with SVHC substances.

3.1. Substances

Information on substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	REACH nr.	OEL
Water	100	7732-18-5	231-791-2		

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

First aid measures

- Inhalation : Not applicable.
- Skin contact : Not applicable.
- Eye contact : Not applicable.
- Ingestion : Not applicable.

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

Effects and symptoms

- Inhalation : No specific effects and/or symptoms are known.
- Skin contact : No specific effects and/or symptoms are known.
- Eye contact : No specific effects and/or symptoms are known.
- Ingestion : No specific effects and/or symptoms are known.

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

Note to physicians : None known.

SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

- Suitable : Not applicable.

5.2. Special hazards arising from the substance or mixture

- Special exposure hazards : None known. Non flammable product.
- Hazardous thermal decomposition products : Not applicable.

5.3. Advice for firefighters

- Special protective equipment for fire-fighters : Not applicable.

SECTION 6 ACCIDENTAL RELEASE MEASURES



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6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles.

6.2. Environmental precautions

Environmental precautions : Not applicable.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Not applicable.

6.4. Reference to other sections

Reference to other sections : For guidance on selection of personal protective equipment see section 8. For guidance on disposal of spilled material see section 13.

SECTION 7 HANDLING AND STORAGE *

7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C).

Recommended packaging : Keep only in the original container.

Non recommended packaging : Steel (except stainless steel).

7.3. Specific end use(s)

Use : Use only as directed.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION *

8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

8.2. Exposure controls

Engineering measures : Not applicable.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use.

Respiratory protection : No special protective equipment required.

Hand protection : Under normal conditions of use specific gloves are not required.

Eye protection : Under normal conditions of use not required.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES *

9.1. Information on basic physical and chemical properties



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Appearance	: Liquid.	
Colour	: Colourless.	
Odour	: Odourless.	
Odour threshold	: Not applicable	Odourless.
pH	: 7	
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not applicable.	
Flash point	: Not applicable.	
Flammability (solid, gas)	: Not applicable.	Liquid.
Auto ignition temperature	: Not applicable.	Does not contain combustible substances.
Boiling point/boiling range	: 100 °C	
Melting point/melting range	: 0 °C	
Explosive properties	: None known.	Does not contain explosives.
Explosion limits (in air)	: Not applicable.	
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: Not known.	
Viscosity (20°C)	: Not known.	
Viscosity (40°C)	: Not relevant.	The product contains < 10% substances having an aspiration hazard.
Vapour pressure (20°C)	: 2338 Pa	
Vapour density (20°C)	: < 1	
Relative density (20°C)	: 1 g/ml	
Evaporation rate	: 0,3	(n-butyl acetate = 1)

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity : See sub-sections below.

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid : See section 7.

10.5. Incompatible materials

Materials to avoid : No specific recommendations.

10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

SECTION 11 TOXICOLOGICAL INFORMATION

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11.1. Information on toxicological effects

Inhalation

Acute toxicity : No specific effects and/or symptoms are known.



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Skin contact
Acute toxicity : No specific effects and/or symptoms are known.

Eye contact
Corrosion/irritation : No specific effects and/or symptoms are known.

Ingestion
Acute toxicity : No specific effects and/or symptoms are known.

Toxicological information:

Chemical name	Property		Method	Test animal
Water	LD50 (oral)	> 90000 mg/kg bw	-----	Rat
	NOAEL (oral)	> 35000 mg/kg bw/d		-----
	NOAEL (inhalation)	> 30000 mg/m3		-----
	Skin sensitisation	Not sensitizing		-----
	Inhalation sensitisation	Not sensitizing		-----
	NOEL (carcinogenicity, oral)	Not carcinogenic		
	Genotoxicity - in vitro	Not genotoxic		
	Skin irritation	Non-irritant		-----
	Eye irritation	Non-irritant		
	NOAEL (development, oral)	Not teratogenic		
	LD50 (dermal)	> 90000 mg/kg bw		
	NOAEL (fertility, oral)	Not reprotoxic		
	Mutagenicity	Not mutagenic		
		Non-irritant		
	NOEL (carcinogenicity, dermal)	Not carcinogenic		
	NOEL (carcinogenicity, inh.)	Not carcinogenic		
	Genotoxicity - in vivo	Not genotoxic		
Respiratory irritation	Non-irritant			
NOAEL (developmental toxicity, dermal)	Not teratogenic			
LC50 (inhalation)	> 17000 mg/m3			

SECTION 12 ECOLOGICAL INFORMATION

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12.1. Toxicity

Ecotoxicity : Not classified - based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Persistence – degradability : Not applicable.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not applicable.

12.4. Mobility in soil

Mobility : Not applicable.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Not classified as PBT or vPvB.



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12.6. Other adverse effects

Other information : Not applicable.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.

Additional warning : None.

Waste water discharge : No restrictions.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

SECTION 14 TRANSPORT INFORMATION

14.1. UN number

UN nr. : None.

14.2. UN proper shipping name

Transport name : Not regulated.

14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : This product is not classified according to ADR/RID/ADN.

IMDG (sea)

Class : This product is not classified according to IMDG.

Marine pollutant : No

IATA (air)

Class : This product is not classified according to IATA.

14.6. Special precautions for user

Other information : Country specific variations may apply.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments.

SECTION 15 REGULATORY INFORMATION

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

Community regulations : Regulation (EC) No 830/2015 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.

15.2. Chemical safety assessment



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Chemical safety assessment : Not applicable.

SECTION 16 OTHER INFORMATION *

16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EC) No 830/2015 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of H-phrases mentioned in section 3: Not applicable.

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
DNEL	Derived no-effect level
ECETOC TRA	European centre for ecotoxicology and toxicology of chemicals. Targeted risk assessment
EU	European Union
EUSES	European Union System for the Evaluation of Substances
IBC code	Intermediate Bulk Container
LD50 LC50	Lethal Dose/Concentration for 50% of a population
NOAEL	No Observed (Adverse) Effect Level
NOEC	No observed effect concentration
OEL	Occupational exposure limit
PBT	Persistent, Bioaccumulative and Toxic
PC	Chemical product category
PNEC	Predicted no-effect concentration
STP	Sewage Treatment Plant
SU	Sector of Use
SVHC	Substance of very high concern
TWA/STEL	Time-Weighted Average/Short Term Exposure Limit
vPvB	Very Persistent and Very Bioaccumulative

Number format : "," used as decimal separator.