



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

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

1.1. Product identifier

Product name : SHELL TYRE CLEANER
Product code : 09225000

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

Application : SU3 Industrial uses. PC35 Cleaning agent. PC0 Other. Car maintenance.

1.3. Details of the supplier of the safety data sheet

Supplier : Kemetyl Nederland
Industrieweg 30
3762 EK SOEST, The Netherlands
Telephone : +31-35 6012890
Fax : +31-35 6022066
E-mail : msds@kemetyl.com
Website : <http://www.kemetyl.com>

1.4. Emergency telephone number

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

NL - Telephone : +31-35-6099310

(During office hours only)

EMERGENCY TELEPHONE NUMBER (for DOCTORS only):

(24/7)

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP classification : Eye irritation, category 2.
(1272/2008/EC)

Human health hazards : Causes serious eye irritation.

Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.

Environmental hazards : Not classified as dangerous according to statutory EC-Directives.

2.2. Label elements

Label elements (1272/2008/EC):

Hazard pictograms :



Signal word : Warning

H- and P-phrases : H319 Causes serious eye irritation.
P280 eyes Wear eye protection/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Remark	REACH nr.
Isotridecanol, ethoxylated	1 - < 3	69011-36-5	931-138-8		
Isotridecanol, ethoxylated	1 - < 5	69011-36-5	931-138-8		

Substance name	Hazard Class	H-phrases	Pictograms	
Isotridecanol, ethoxylated	Eye Dam. 1; Aquatic Chronic 3	H318; H412	GHS05	
Isotridecanol, ethoxylated	Eye Irrit. 2; Aquatic Chronic 3	H319; H412	GHS07	

Reference is made to chapter 16 for full text of each relevant H phrase.

SECTION 4 FIRST-AID MEASURES

4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water before product dries up.
- Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Give condensed milk or a knob of butter. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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 : May cause dry skin.
- Eye contact : Irritant. May cause redness and pain.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

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

Note to physicians : None known.

SECTION 5 FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

- Suitable : Carbondioxide (CO2). Foam. Dry chemical. Water fog.
- Not suitable : None known.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards : None known.



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

5.3. Advice for firefighters

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material.

6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike.
Other information : Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

6.4. Reference to other sections

Reference to other sections : See also section 8.

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. Avoid contact with skin and eyes.

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. Do not mix with other products.

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.



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

8.2. Exposure controls

- Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
- Hygienic measures : When using do not eat, drink or smoke.

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 : Take care of sufficient ventilation.
- Hand protection : Under normal conditions of use specific gloves are not required.
- Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- Appearance : Liquid.
- Colour : White.
- Odour : Odourless.
- Odour threshold : Not applicable. Odourless.
- pH : 7,4
- Solubility in water : Soluble.
- Partition coefficient (n-octanol/water) : Not applicable. Contains surfactants. The O/W system emulsifies. Not measured. Not relevant for mixtures.
- Flash point : > 100 °C Closed cup.
- Flammability (solid, gas) : Not applicable. Liquid. See flashpoint.
- Auto ignition temperature : > 330 °C
- 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 known.
- Oxidising properties : Not applicable. Does not contain oxidizing substances.
- Decomposition temperature : Not applicable.
- Viscosity (20°C) : 1100 mm²/sec (1 mm²/sec = 1cSt)
- Viscosity (40°C) : 1100 mm²/sec
- Vapour pressure (20°C) : 2300 Pa
- Vapour density (20°C) : > 1 The solvent content of this product is less than 1%.
- Relative density (20°C) : 0,99 g/ml
- Evaporation rate : < 1 (n-butyl acetate = 1)

9.2. Other information

- Other information : Not relevant.

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

- Reactivity : See sub-sections below.

10.2. Chemical stability

- Stability : Stable under normal conditions.



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

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

11.1. Information on toxicological effects

No toxicological research has been carried out on this product.

Inhalation

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: 5 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. No specific effects and/or symptoms are known.
- Corrosion/irritation : No specific effects and/or symptoms are known. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Prolonged contact may dry out and defat the skin. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Eye contact

- Corrosion/irritation : Irritant.

Ingestion

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Aspiration : Not classified - based on available data, the classification criteria are not met. Does not contain substances with an aspiration hazard.
- Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea.
- Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

Reprotoxicity : Development: Not expected to be reprotoxic. Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

Toxicological information:

Chemical name	Property		Method	Test animal
Isotridecanol, ethoxylated	LD50 (dermal)	> 2000 mg/kg bw		Rat
	Skin sensitisation	Not sensitizing		
	Skin irritation	Non-irritant		Rabbit
	Eye irritation	Severely irritant		Rabbit
	NOEL (carcinogenicity) - estimate	Not carcinogenic	Read across	-----
	NOAEL (oral) - estimate	> 50 mg/kg bw/d	Read across	Rat
	NOAEL (fertility) - estimate	> 100 mg/kg.d	Read across	Rat
	LD50 (oral)	> 2000 mg/kg bw	-----	Rat
	Genotoxicity - estimate	Not genotoxic	Read across	
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Inhalation sensitisation - estimate	Not sensitizing	Read across	
	NOAEL (development) - estimate	> 50 mg/kg.d	Read across	Rat
	Isotridecanol, ethoxylated	LD50 (oral) - estimate	> 5000 mg/kg bw	Read across
NOAEL (dermal) - estimate		50 mg/kg bw/d	Read across	Rat
NOEL (carcinogenicity) - estimate		Not carcinogenic	Read across	
NOAEL (fertility) - estimate		> 250 mg/kg.d	Read across	Rat
Skin irritation - estimate		Non-irritant	Read across	Rabbit
Eye irritation - estimate		Severely irritant	Read across	Rabbit
Genotoxicity - estimate		Not genotoxic	Read across	
Mutagenicity		Negative	OECD 471	Salmonella typhimurium
Skin sensitisation - estimate		Not sensitizing	Read across	Guinea pig
LD50 (dermal) - estimate		> 5000 mg/kg bw	Read across	
NOAEL (development) - estimate		> 50 mg/kg.d	Read across	Rat
NOAEL (oral) - estimate		> 50 mg/kg bw/d	Read across	Rat

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 21 mg/l. Calculated EC50 (waterflea): 21 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

12.2. Persistence and degradability



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

Persistence – degradability : No specific information known. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

12.4. Mobility in soil

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

12.5. Results of PBT and vPvB ass

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

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 should be recycled or re-used. Treat product residues and non-empty pack as hazardous waste.

Additional warning : None.

Waste water discharge : Do not dispose into the environment, in drains or in water courses.

European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

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.



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

SECTION 15 REGULATORY INFORMATION

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

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

Ingredient declaration according to Regulation 648/2004:

Contains:	Concentration (%)
Non-ionic surfactants	< 5
2-Bromo-2-nitropropane-1,3-diol, Octylisothiazolinone.	

15.2. Chemical safety assessment

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 (EU) No 2015/830 dated 28 May 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 (*).

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

ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	: Acute Toxicity Estimate
CLP	: Classification, Labeling & Packaging
CMR	: Carcinogenic, Mutagenic or toxic for Reproduction
EEC	: European Economic Community
GHS	: Globally Harmonized System of Classification and Labelling of Chemicals
IATA	: International Air Transport Association
IBC code	: International Bulk Chemical Code
IMDG	: International Maritime Dangerous Goods Code
LD50/LC50	: Lethal Dose/Concentration for 50% of a population
MAC	: Maximum Allowable Concentration
MARPOL	: International Convention for the Prevention of Pollution From Ships
NO(A)EL	: No Observed (Adverse) Effect Level
OECD	: Organisation for Economic Co-operation and Development
PBT	: Persistent, Bioaccumulative and Toxic
PC	: Chemical product category
PT	: Product type
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail



Kemetyl

Safety data sheet

According to Regulation (EU) No 2015/830

STP : Sewage Treatment Plant
SU : Sector of Use
TWA/STEL : Time-Weighted Average/Short Term Exposure Limit
UN : United Nations
VOC : Volatile Organic Compounds
vPvB : Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Eye Irrit. 2 : Calculation method.

Full text of hazard classes mentioned in section 3:

Eye Dam. 1 : Serious eye damage, category 1.
Eye Irrit. 2 : Eye irritation, category 2.
Aquatic Chronic 3 : Hazardous to the aquatic environment — Chronic category 3.

Full text of H-phrases mentioned in section 3:

H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Number format : "," used as decimal separator.

End of safety data sheet.

Print date : 22-02-2019