

According to Regulation (EU) No 2020/878

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

1.1. Product identifier

Product name	: SHELL TYRE CLEANER
Product code	: 09225000
UFI	: Not available.

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

Application

: SU3 Industrial uses. SU3 Industrial uses. PC35 Cleaning agent. PC35 Other vehicle (all types) cleaning and care products.

1.3. Details of the supplier of the safety data sheet

Supplier :	Kemetyl Nederland BV Industrieweg 30 3762 EK Soest, The Netherlands
Telephone :	+31-35 7604900
E-mail :	msds@kemetyl.com
Website :	www.kemetyl.com

1.4. Emergency telephone number

	BER, for DOCTORS/FIRE BRIGADE/POLI -35-6099310	CE only: (During office hours only)
EMERGENCY TELEPHONE NUM Nationaal Vergiftigingen Informatie	() ,	(24/7)

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP classification (1272/2008/EC)	: Eye irritation, category 2. Skin sensitization, category 1. Hazardous to the aquatic environment — Chronic category 3.
Human health hazards	: Causes serious eye irritation. May cause an allergic skin reaction.
Physical/chemical hazards	: Not classified as dangerous according to statutory EC-Directives.
Environmental hazards	: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements (1272/2008 Hazard pictograms	B/EC): : :	
Signal word	: Warning	
H- and P-phrases	: H319 H317 H412 P280 hands eyes	Causes serious eye irritation. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Wear protective gloves and eye protection.
	P261 vapour	Avoid breathing vapours.



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P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P273	Avoid release to the environment.
P501	Dispose of contents/container to an official chemical waste depot.

Additional labelling (for all packaging sizes)

: Contains: 2-Octyl-2H-isothiazol-3-one .

2.3. Other hazards

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

SECTION 3 C	COMPOSITION / INFORMATION ON INGREDIENTS
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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	69011-3		931-138-8		
Isotridecanol, ethoxylated	1 - < 5	69011-3	6-5	931-138-8		
2-Octyl-2H-isothiazol-3-one	0,0015 - < 0,1	26530-2	20-1	247-761-7		
Substance name	Hazard Class		H-phra	ases	Pictograms	
Isotridecanol, ethoxylated		Eye Dam. 1; Aquatic		H412	GHS05	
	Chronic 3					
Isotridecanol, ethoxylated	Aquatic Chronic	Aquatic Chronic 3; Eye		H412	GHS07	
2-Octyl-2H-isothiazol-3-one	Skin Corr. 1B; A	Acute	H301;	H311; H330;	GHS05; GHS06;	M (acute) = 100
	Tox. 2; Eye Dar	n. 1;	H314;	H318; H317;	GHS09	M (chronic) = 100
	Skin Sens. 1A;	Aquatic	H400;	H410; EUH071		H317 : C >= 0,0015 %
	Acute 1; Aquati	С				
	Chronic 1					

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. Consult a doctor if irritation occurs.
Eye contact Ingestion	 Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor. 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.



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Skin contact : May cause redness and irritation, sensitisation. May produce an allergic reaction. 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.
Hazardous thermal	:	Carbon monoxide may be evolved if incomplete combustion occurs.
decomposition products		

5.3. Advice for firefighters

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

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. Waste product should not be allowed to contaminate soil or water.
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. Avoid splashing. Wear protective clothing.



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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	:	Steel (except stainless steel).
packaging		

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.

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
2-Octyl-2H-isothiazol-3-one	Water	0.002 mg/l	0.0002 mg/l	
	Sediment	0.047 mg/kg	0.004 mg/kg	
	Soil			0.008 mg/kg

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	: Wear appropriate protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345. Suitable material: butyl. Indication of permeation breakthrough time: 6 hours.
Respiratory protection	: Take care of sufficient ventilation.
Hand protection	: Wear appropriate safety gloves in accordance with EN 374. Suitable material: butyl. 0.7 mm.
	Indication of permeation breakthrough time: 6 hours.
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

Physical state Colour	: Liquid. : White.	
Odour Odour threshold pH	: Odourless. : Not applicable. : 7.4	Odourless.



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Solubility in water	: Soluble.	
Partition coefficient (n-oc-	: Not applicable.	Contains surfactants. The O/W system emulsifies. Not measured. Not
tanol/water)		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	: Not an explosive.	
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	
Relative vapour density	: Not relevant.	The solvent content of this product is less than 1%.
Relative density (20°C)	: 0.99 g/ml	
Particle characteristics	: Not applicable.	Liquid.

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.
10.3. Possibility of hazard	lous reactions
Reactivity	: No other hazardous reactions known.
10.4. Conditions to avoid	
Conditions to avoid	: See section 7.
10.5. Incompatible materi	als
Materials to avoid	: No specific recommendations.

10.6. Hazardous decomposition products

Hazardous decomposition : Not known. products

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological research has been carried out on this product. Inhalation



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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	: Not classified - based on available data, the classification criteria are not met.
Sensitisation	: May cause sensitisation by skin contact. May produce an allergic reaction.
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.
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
sotridecanol, ethoxylated	LD50 (dermal)	> 2000 mg/kg bw		Rat
-	Skin sensitisation	Not sensitizing		
	Skin irritation	Non-irritant		Rabbit
	Eye irritation	Severely irritant		Rabbit
	NOEL (carcinogenicity)	Not carcinogenic	Read across	
	- estimate	_		
	NOAEL (oral) -	> 50 mg/kg bw/d	Read across	Rat
	estimate			
	NOAEL (fertility) -	> 100 mg/kg.d	Read across	Rat
	estimate			
	LD50 (oral)	> 2000 mg/kg bw		Rat
	Genotoxicity - estimate	Not genotoxic	Read across	
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Inhalation sensitisation	Not sensitizing	Read across	
	- estimate			
	NOAEL (development)	> 50 mg/kg.d	Read across	Rat
	- estimate			



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Isotridecanol, ethoxylated	LD50 (dermal) -	> 5000 mg/kg bw	Read across	
	estimate			
	NOAEL (oral) -	> 50 mg/kg bw/d	Read across	Rat
	estimate			
	NOAEL (development) - estimate	> 50 mg/kg.d	Read across	Rat
	Skin sensitisation - estimate	Not sensitizing	Read across	Guinea pig
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Genotoxicity - estimate		Read across	
	Eye irritation - estimate		Read across	Rabbit
	Skin irritation - estimate		Read across	Rabbit
	NOAEL (fertility) -	> 250 mg/kg.d	Read across	Rat
	estimate			
	NOEL (carcinogenicity) - estimate	Not carcinogenic	Read across	
	LD50 (oral) - estimate	> 5000 mg/kg bw	Read across	Rat
2-Octyl-2H-isothiazol-3-one	LD50 (oral)	550 mg/kg bw		Rat
,	LD50 (dermal)	690 mg/kg bw		Rabbit
	Skin sensitisation	Sensitizing.	OECD 406	Guinea pig
	Eye irritation	Severely irritant		Rabbit
	LC50 (inhalation) -	270 mg/m3	ATE	
	estimate			
	LD50 (dermal) -	311 mg/kg bw	ATE	
	estimate			
	LD50 (oral) - estimate	125 mg/kg bw	ATE	
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium

11.2. Information on other hazards

Endocrine disrupting	:	Not applicable.
properties		
Other information	:	Not applicable.

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Harmful to aquatic organisms. Calculated LC50 (fish): 21 mg/l. Calculated EC50 (waterflea): 21 mg/ I. Contains 0 % of components with unknown hazards to the aquatic environment.

12.2. Persistence and degradability

Persistence – degradability : May cause long-term adverse effects in the aquatic environment. 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 assessment



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Kemetyl

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

12.6. Endocrine disrupting properties

Endocrine disrupting : Not applicable. properties

12.7. Other adverse effects

Other adverse effects : Not applicable.

Ecological information:

Chemical name	Property		Method	Test animal
Isotridecanol, ethoxylated	NOEC (waterflea) -	0,37 mg/l.d		Daphnia magna
	chronic			
	Ultimate aerobic	> 60 %	OECD 301 B	
	biodegradation (%)			
	EC50 (waterflea)	> 1 mg/l	OECD 202	Daphnia magna
	IC50 (algea)	> 1 mg/l	OECD 201	Scenedesmus
				subspicatus
	LC50 (fish)	> 1 mg/l	OECD 203	Cyprinus carpio
Isotridecanol, ethoxylated	Log P(ow)	NA		
Isotridecanol, ethoxylated	LC50 (fish)	> 1 mg/l	OECD 203	Cyprinus carpio
	EC50 (waterflea)	> 1 mg/l	OECD 202	Daphnia magna
	IC50 (algea)	> 1 mg/l	OECD 201	Scenedesmus
	-	-		subspicatus
	Ultimate aerobic	> 60 %	OECD 301 B	
	biodegradation (%)			
	NOEC (fish)	1,73 mg/l.d		
	NOEC (waterflea) -	1,36 mg/l.d		Daphnia magna
	chronic	-		-
2-Octyl-2H-isothiazol-3-one	LC50 (fish)	0,14 mg/l		Pimephales promelas
	EC50 (waterflea)	0,18 mg/l		Daphnia magna
2-Octyl-2H-isothiazol-3-one	Log P(ow)	2,9000		

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 or ID number

UN nr. : None.

14.2. UN proper shipping name



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Kemetyl

Transport name : Not regulated.

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

ADR/	RID/ADN (road/railway	y/i	nland waterways)
(Class	:	This product is not classified according to ADR/RID/ADN.
IMDG	(sea)		
(Class	:	This product is not classified according to IMDG.
I	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. Maritime transport in bulk according to IMO instruments

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 2020/878 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.

Ingredient declaration according to Regulation EC 648/2004:

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

15.2. Chemical safety assessment

Chemical safety : Not applicable. assessment

SECTION 16 OTHER INFORMATION

16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2020/878 dated 18 June 2020 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			



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

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

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

	0
Eye Irrit. 2	: Calculation method.
Skin Sens. 1/1A/1B	: Calculation method.
Aquatic Chronic 3	: Calculation method.

Full text of hazard classes mentioned in section 3:

text of hazard classes mentioned in section 5.		
Acute Tox. 3	: Acute toxicity, category 3.	
Skin Corr. 1A/B/C	: Skin corrosive, category 1A/B/C.	
Eye Dam. 1	: Serious eye damage, category 1.	
Eye Irrit. 2	: Eye irritation, category 2.	
Skin Sens. 1/1A/1B	: Skin sensitization, category 1/1A/1B.	
Aquatic Chronic 1	: Hazardous to the aquatic environment — Chronic category 1.	
Aquatic Chronic 3	: Hazardous to the aquatic environment — Chronic category 3.	
Aquatic Acute 1	: Hazardous to the aquatic environment — Acute category 1.	

Full text of H-phrases mentioned in section 3:

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Advice on any training appropriate for workers: none.

Number format

: "," used as decimal separator.



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End of safety data sheet.

Print date

: 2021-03-26