

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	: 8	SHELL CHAIN LUBE
Product code	: (	CRX771, 09727084

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

Application

: SU21 Consumer product. PC24 Lubricants, greases and release products.

### 1.3. Details of the supplier of the safety data sheet

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

#### **SECTION 2 HAZARDS IDENTIFICATION**

### 2.1. Classification of the substance or mixture

CLP classification (1272/2008/EC)	: Aerosols, category 1. Aspiration hazard, category 1. Specific target organ toxicity after single exposure, category 3. Hazardous to the aquatic environment — Chronic category 2.
Human health hazards	: May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking. Exposure to high vapour concentrations may result in a narcotic effect. Use only as directed. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Physical/chemical hazards	: Extremely flammable. Keep away from sources of ignition — No smoking. Do not spray on a naked flame or any incandescent material. Do not spray near fire, sources of heat or live electrical equipment. Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50 °C.
Environmental hazards Other information	<ul> <li>Toxic to aquatic life with long lasting effects.</li> <li>Caution: Do not breathe spray. Use only in well-ventilated areas. Spray in short intervals for a short period only. Ventilate well after use. Harmful to house pets.</li> </ul>

### 2.2. Label elements

Label elements (1272/2008 Hazard pictograms	B/EC): :		¥2
Signal word	: Danger		
H- and P-phrases	: H222 H229	Extremely flammab Pressurised contair	ated.



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H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition
	sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P391	Collect spillage.
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to an official chemical waste depot.

Labelling of packagings where the contents do not exceed 125 ml and it is technically impossible to list all phrases: Hazard pictograms :



Signal word	: Danger	
H- and P-phrases	: H222	Extremely flammable aerosol.
	H229	Pressurised container: May burst if heated.
	H304	May be fatal if swallowed and enters airways.
	H336	May cause drowsiness or dizziness.
	EUH066	Repeated exposure may cause skin dryness or cracking.
	P101	If medical advice is needed, have product container or label at hand.
	P102	Keep out of reach of children.
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P211	Do not spray on an open flame or other ignition source.
	P251	Do not pierce or burn, even after use.
	P271	Use only outdoors or in a well-ventilated area.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
	P331	Do NOT induce vomiting.
	P405	Store locked up.
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
	P501	Dispose of contents/container to an official chemical waste depot.
Additional labelling (for	all packaging sizes)	

: Contains: Pentane .

### 2.3. Other hazards

Other information

: The classification of this product is based on the non-aerosolised form of the mixture (on basis of section 1.1.3.7. of Regulation (EC) No 1272/2008). Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

### SECTION 3 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.
Pentane	25 - < 50	109-66-	0 203-692-4		01-2119459286-30
Butane	10 - < 25	106-97-	8 203-448-7		01-2119474691-32
Isobutane	2,5 - < 10	75-28-5	200-857-2		01-2119485395-27
Propane	2,5 - < 10	74-98-6	200-827-9		01-2119486944-21
Substance name	Hazard Class		H-phrases	Pictograms	Ì
Pentane	Aquatic Chroni	c 2; Asp.	H225; H304; H336;	GHS02; GHS07;	1
	Tox. 1; Flam. Li	iq. 2;	H411; EUH066	GHS08; GHS09	
	STOT SE 3				
Butane	Flam. Gas 1; P	ress.	H220; H280	GHS02; GHS04	
	Gas				
Isobutane	Flam. Gas 1; P	ress.	H220; H280	GHS02; GHS04	
	Gas				
Propane	Flam. Gas 1; P	ress.	H220; H280	GHS02; GHS04	
-	Gas				

Occupational exposure limit(s), if relevant, are listed in section 8.

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 and soap before product dries up. Consult a doctor if irritation persists.
Eye contact	: Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.
Ingestion	: Aerosol or mist: Ingestion is unlikely to occur.

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

Effects and symptoms	
Inhalation	May cause headache, drowsiness, dizziness and a feeling of sickness. May cause irritation to respiratory airways and coughing.
Skin contact	: Repeated exposure may cause skin dryness or cracking.
Eye contact	: May cause stinging of eyes and redness.
Ingestion	: May cause a feeling of sickness, vomiting and diarrhoea. May cause lung damage, sore throat and lack of breath.

### 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



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Suitable	:	Carbondioxide (CO2). Foam. Dry chemical. Water fog.
Not suitable	:	Water jet.

### 5.2. Special hazards arising from the substance or mixture

Special exposure hazards	<ul> <li>Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50 °C. Do not expose emergency personnel to overheated aerosol containers. Water may be used to cool container and prevent explosion of the aerosol.</li> </ul>
Hazardous thermal decomposition products	: Carbon monoxide may be evolved if incomplete combustion occurs.

### 5.3. Advice for firefighters

Special protective : Fight a fire where aerosols are involved from a protected position. Use adequate respiratory equipment for fire-fighters 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. Do not breathe vapours and/or spray. Keep away from sources of
	ignition — No smoking. Build up of highly flammable gasses involves an explosion risk. Vapours are
	heavier than air. Build up (of gasses) in low areas involves risk of suffocation.

### 6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. 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. Collect aerosol cans in an approved container. Do not pierce aerosols. Wash away remainder with plenty of water and soap.

### 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. Important: Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep away from sources of ignition — No smoking. Do not spray on a naked flame or any incandescent material. Do not spray near fire, sources of heat or live electrical equipment. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Do not breathe spray. Do not breathe vapour. Avoid contact with skin and eyes. Avoid splashing. Wear protective clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage	: Keep frost-free, in a cool (< 35°), dry and well-ventilated place. Protect from sunlight and keep away
	from heat. Keep away from food, drink and animal feedingstuffs.
Recommended packaging	: Not applicable.



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### 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.

Workplace exposure limits (mg/m<sup>3</sup>):

Chemical name	Country	TWA 8 hour	STEL 15 min	Comments	Source
		(mg/m3)	(mg/m3)		
Pentane	GB	1800	-	-	
Pentane	EC	3000	-	-	Directive 2006/15/EG
Butane	GB	1450	1810	-	
Butane		1450	1810		MAC: MSDS Aeron
					Butane
Isobutane		1900	2400		MAC: FI, BE, CH
Propane		1800	-		MAC: BG, PL, CH, SL,
					etc

### Derived no-effect level (DNEL) for workers:

Chemical name	Route of	DNEL, short-ter	m	DNEL, long-term	
	exposure				
		Local effect	Systemic effect	Local effect	Systemic effect
Pentane	Dermal Inhalation				432 mg/kg bw/day 3000 mg/m3

### Derived no-effect level (DNEL) for consumers:

Chemical name	Route of	DNEL, short-term		DNEL, long-term		
	exposure					
		Local effect	Systemic effect	Local effect	Systemic effect	
Pentane	Dermal				214 mg/kg bw/day	
	Inhalation				643 mg/m3	
	Oral				214 mg/kg bw/day	

### Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
Pentane	Water	0,23 mg/l	0,23 mg/l	
	Sediment	1,2 mg/kg	1,2 mg/kg	
	Intermittent water			0,88 mg/l
	STP			3,6 mg/l
	Soil			0,55 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.



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Body protection	: Use of specific protective industrial clothing is not required under normal conditions of use. In case of large scale exposure wear suitable protective clothing, overalls or suit, and similar boots. Suitable material: nitril. Indication of permeation breakthrough time: 6 hours.
Respiratory protection	: Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.
Hand protection	: Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: nitril. ± 0,5 mm. Indication of permeation breakthrough time: 6 hours.
Eye protection	: Wear appropriate safety glasses when there is danger of possible eye contact.
SECTION 9 PHYSICA	AL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	:	Aerosol.	
Colour	:	Colourless.	
Odour	:	Characteristic.	
Odour threshold	:	Not known.	
pH	:	Not applicable.	Waterfree product.
Solubility in water	:		Active ingredients not soluble. Propellant(s) not soluble.
Partition coefficient (n-oc-	:	Not known.	Not measured. Not relevant for mixtures.
tanol/water)			
Flash point	:	Not applicable.	Not measurable.
Flammability (solid, gas)	:	Extremely flammable.	
Auto ignition temperature	:	Not applicable.	Aerosol container explodes before reaching the auto-ignition point.
Boiling point/boiling range	:	Not known.	Not measurable.
Melting point/melting range	:	< -20 °C	
Explosive properties	:		Pressurised container: May burst if heated.
Explosion limits (% in air)	:	0,9 - 10,9	
Oxidising properties	:	Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: :	Not applicable.	Aerosol explodes before reaching the decomposition temperature.
Viscosity (20°C)	:	Not known.	Not measurable.
Viscosity (40°C)	:	Not known.	Not measurable.
Vapour pressure (20°C)	:	230000 Pa	
Vapour density (20°C)	:	> 1	(air = 1)
Relative density (20°C)	:	0,68 g/ml	
Evaporation rate	:	Not known.	Not relevant. Mixture of gases, liquids and solids.

### 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 hazar	dous reactions
Reactivity	: No other hazardous reactions known.



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### 10.4. Conditions to avoid

Conditions to avoid

: Keep away from sources of ignition and sources of heat. Keep away from sources of ignition and sources of heat. See section 7.

### 10.5. Incompatible materials

Materials to avoid : Not applicable. Not applicable.

### 10.6. Hazardous decomposition products

Hazardous decomposition : Not known. products

### SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

No toxicological research has been carried out on this product.

Inhalation	
Acute toxicity	<ul> <li>Calculated LC50: &gt; 10 mg/l. Ingredients of unknown toxicity: &lt; 1 %. ATE: &gt; 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause damage to organs. May cause damage to organs. Target organ(s): Central nervous system. Effect(s): Breathing of high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, lightheadedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.</li> </ul>
Corrosion/irritation	: May cause irritation to respiratory airways and coughing. 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 Mutagenicity	<ul> <li>Not classified due to lack of data. Does not contain carcinogenic substances.</li> <li>Not classified due to lack of data.</li> </ul>
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	<ul> <li>Slight irritation possible. Repeated exposure may cause skin dryness or cracking. Prolonged contact may dry out and defat the skin. Not classified - based on available data, the classification criteria are not met.</li> </ul>
Sensitisation	: Does not contain skin sensitisers. 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	: Slight irritation possible. Not classified - based on available data, the classification criteria are not met.
Ingestion	
Acute toxicity	: Aerosol or mist: Ingestion is unlikely to occur. Calculated LD50: > 2062 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	: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. If swallowed, if any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 38.3° C, shortness of breath, chest congestion or continued coughing or wheezing.
Corrosion/irritation	: Aerosol or mist: Ingestion is unlikely to occur. May cause a feeling of sickness, stomachache, vomiting and diarrhoea.



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Carcinogenicity	: Aerosol or mist: Ingestion is unlikely to occur. Does not contain carcinogenic substances. Not
	classified - based on available data, the classification criteria are not met.
Mutagenicity	: Aerosol or mist: Ingestion is unlikely to occur. Does not contain mutagenic substances. Not
	classified - based on available data, the classification criteria are not met.
Reprotoxicity	: Aerosol or mist: Ingestion is unlikely to occur. 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
Pentane	Skin irritation	Mildly irritant	OECD 404	Rabbit
	Skin sensitisation	Not sensitizing	OECD 406	Guinea pig
	NOAEL (development,	1000 mg/kg bw/d	OECD 414	Rat
	oral)			
	LC50 (inhalation)	> 20000 mg/m3		Rat
	Eye irritation	Slightly irritant		Rabbit
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	LD50 (oral)	> 2000 mg/kg bw		Rat
	NOAEL (inhalation)	> 20000 mg/m3	OECD 413	Rat
	NOAEL (fertility, inh.)	24080 mg/m3		Rat
	Skin irritation	Non-irritant		Human

### SECTION 12 ECOLOGICAL INFORMATION

### 12.1. Toxicity

No ecotoxicological research has been carried out on this product. Ecotoxicity : Toxic to aquatic organisms. Calculated LC50 (fish): 11 mg/l. Calculated EC50 (waterflea): 7 mg/l. 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.

### 12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

### 12.4. Mobility in soil

Mobility : Not applicable.

### 12.5. Results of PBT and vPvB assessment

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.

Ecological information:

Chemical name	Property		Method	Test animal
Pentane	Ultimate aerobic biodegradation (%)	87 %	OECD 301 F	
	IC50 (algea)	10,7 mg/l	OECD 201	Selenastrum capricornutum
	EC50 (waterflea) LC50 (fish)	2,7 mg/l 4,26 mg/l	 OECD 203	Daphnia magna Oncorhynchus mykiss



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Pentane	Log P(ow)	3,45	
Pentane	BCF	171	

### SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

: Recyclable metal container. Do not puncture or burn even after use. Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.
: Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.
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.
: 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. : UN	1950
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### 14.2. UN proper shipping name

Transport name	: AEROSOLS
Transport name (IMDG,	: AEROSOLS
IATA)	

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

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

:

: 2,1

: F-D/S-U

: -

Class	: 2
Classification code	: 5F
Packaging group	: -
Danger label	: 2,1 + the "environmentally hazardous substance" mark.
Tunnel restriction	: D
code	



Other information

: Not intended for carriage by tank-vessels on inland waterways. Packagings with a quantity of 5 l or less for liquids or 5 kg, or less for solids need not be marked with the environmentally hazardous substance mark.

IMDG (sea)	
Class	
Packaging group	
EmS (fire / spill)	
Marine pollutant	
Other information	

Yes
Packagings with a quantity of 5 l or less for liquids or 5 kg, or less for solids need not be marked with the environmentally hazardous substance mark.



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IATA (air) Class

14.6. Special precautions for user

: 2,1

: Country specific variations may apply. It is possible that a "Limited Quantity" exemption applies to Other information the transport of this product.

### 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), 75/324/EEC (aerosols) and other regulations.

> : In the UK it is recommended that all aerosols should be labelled on the back with the warning about the dangers of volatile solvent abuse. The label should contain the badge 'Solvent Abuse Can Kill Instantly' accompanied by the phrase 'Use only as directed'.

### 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 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



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### **Kemetyl**

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
VOC	: Volatile Organic Compounds
vPvB	: Very Persistent and Very Bioaccumulative
Flam. Aer. 1 STOT SE 3 Asp. Tox. 1	: Calculation method.
Full text of hazard classes r	mentioned in section 3:
Flam. Gas 1	: Flammable gas, category 1.
Flam. Liq. 2	: Flammable liquid, category 2.
	: Gases under pressure.
STOT SE 3	: Specific target organ toxicity after single exposure, category 3.
	: Aspiration hazard, category 1.
Aquatic Chronic 2	: Hazardous to the aquatic environment — Chronic category 2.
Full text of H-phrases ment	ioned in section 3:
H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
Number format	: "," used as decimal separator.

### End of safety data sheet.

Print date

: 2020-07-23