according to UK REACH Regulation

Interior Quick Detailer

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

1.1. Product identifier

Interior Quick Detailer

Further trade names

CP-IQD-05-106

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

Use of the substance/mixture

Automotive care products

1.3. Details of the supplier of the safety data sheet

Company name:

Street:

Johann Kurz Gasse 3/1/8

Place:

D-2103 Langenzersdorf

Telephone:

+43 676 6533003

E-mail:

info@cleanpoint.at

Contact person: Krisztian Kertesz Telephone: +43 676 6533003

E-mail: info@cleanpoint.at

1.4. Emergency telephone 112

number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Hexadecyl-aminoethylaminopropyl-polydimethylsiloxane

2-propylheptanol ethoxylated, propoxylated

Signal word: Danger

Pictograms:



Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.
P501 Dispose of waste according to applicable legislation.

according to UK REACH Regulation

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2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

in aqueous solution

Relevant ingredients

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification (GB CLP Regulation)				
	Hexadecyl-aminoethylaminopropyl-	polydimethylsiloxane		5 - < 10 %	
	Skin Irrit. 2, Eye Dam. 1; H315 H31	8			
166736-08-9	2-propylheptanol ethoxylated, prop	oxylated		1 - < 5 %	
	Acute Tox. 4, Eye Dam. 1; H302 H	318			
26952-14-7	Hexadecene			1 - < 5 %	
	248-131-4		01-2119486450-38		
	Asp. Tox. 1; H304 EUH066		•		
556-67-2	octamethylcyclotetrasiloxane				
	209-136-7	014-018-00-1	01-2119529238-36		
	Flam. Liq. 3, Repr. 2, Aquatic Chronic 1; H226 H361f H410				
541-02-6	Decamethylcyclopentasiloxane			< 1 %	
	208-764-9		01-2119511367-43		
540-97-6	Dodecamethylcyclohexasiloxane				
	208-762-8		01-2119517435-42		

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Quantity			
	Specific Conc.	Limits, M-factors and ATE			
		Hexadecyl-aminoethylaminopropyl-polydimethylsiloxane	5 - < 10 %		
	oral: LD50 = >	2000 mg/kg			
166736-08-9		2-propylheptanol ethoxylated, propoxylated			
	oral: LD50 = >	oral: LD50 = > 300 - 2000 mg/kg			
556-67-2	209-136-7 octamethylcyclotetrasiloxane		< 1 %		
	inhalation: LC50 = 36 mg/l (dusts or mists); dermal: LD50 = > 2400 mg/kg; oral: LD50 = 4800 mg/kg. Aquatic Chronic 1; H410: M=10				
541-02-6	208-764-9 Decamethylcyclopentasiloxane		< 1 %		
	inhalation: LC50 = 8,67 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg				

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment

according to UK REACH Regulation

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necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Vapours can form explosive mixtures with air.

In case of fire may be liberated: Gases/vapours, toxic

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

according to UK REACH Regulation

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Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

Advice on protection against fire and explosion

Vapours can form explosive mixtures with air. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No information available.

Further information on storage conditions

storage temperature: 10 - 25 °C

Protect against: frost. UV-radiation/sunlight. Maximum storage period (time) 12 month(s)

7.3. Specific end use(s)

Automotive care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

according to UK REACH Regulation

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DNEL/DMEL values

CAS No	Substance				
DNEL type		Exposure route	Effect	Value	
556-67-2	octamethylcyclotetrasiloxane				
Worker DNEL,	long-term	inhalation	systemic	73 mg/m³	
Worker DNEL,	acute	inhalation	systemic	73 mg/m³	
Worker DNEL,	long-term	inhalation	local	73 mg/m³	
Worker DNEL,	acute	inhalation	local	73 mg/m³	
Consumer DNE	EL, long-term	inhalation	systemic	13 mg/m³	
Consumer DNE	EL, acute	inhalation	systemic	13 mg/m³	
Consumer DNE	EL, long-term	inhalation	local	13 mg/m³	
Consumer DNE	EL, acute	inhalation	local	13 mg/m³	
Consumer DNE	EL, long-term	oral	systemic	3,7 mg/kg bw/day	
Consumer DNE	EL, acute	oral	systemic	3,7 mg/kg bw/day	
541-02-6	Decamethylcyclopentasiloxane				
Worker DNEL,	acute	inhalation	systemic	97,3 mg/m³	
Worker DNEL,	acute	inhalation	local	24,2 mg/m³	
Worker DNEL,	long-term	inhalation	systemic	97,3 mg/m³	
Worker DNEL,	long-term	inhalation	local	24,2 mg/m³	
Consumer DNE	EL, acute	inhalation	systemic	17,3 mg/m³	
Consumer DNE	EL, acute	inhalation	local	4,3 mg/m³	
Consumer DNE	EL, acute	dermal	systemic	5 mg/kg bw/day	
Consumer DNE	EL, long-term	dermal	systemic	5 mg/kg bw/day	
540-97-6	Dodecamethylcyclohexasiloxane				
Worker DNEL,	acute	inhalation	local	6,1 mg/m³	
Worker DNEL, long-term		inhalation	systemic	11 mg/m³	
Worker DNEL, long-term		inhalation	local	1,22 mg/m³	
Consumer DNEL, acute		oral	systemic	1,7 mg/kg bw/day	
Consumer DNEL, acute		inhalation	local	1,5 mg/m³	
Consumer DNEL, long-term		inhalation	systemic	2,7 mg/m³	
Consumer DNE	EL, long-term	oral	systemic	1,7 mg/kg bw/day	
Consumer DNE	EL, long-term	inhalation	local	0,3 mg/m³	

according to UK REACH Regulation

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PNEC values

CAS No	Substance	
Environmenta	I compartment	Value
556-67-2	octamethylcyclotetrasiloxane	
Freshwater		0,00044 mg/l
Marine water		0,000044 mg/l
Freshwater se	diment	0,59 mg/kg
Marine sedime	ent	0,059 mg/kg
Secondary po	isoning	41 mg/kg
Micro-organisı	ms in sewage treatment plants (STP)	10 mg/l
Soil		0,15 mg/kg
541-02-6	Decamethylcyclopentasiloxane	
Freshwater		0,0012 mg/l
Marine water		0,00012 mg/l
Freshwater se	diment	2,39 mg/kg
Marine sedime	ent	0,239 mg/kg
Micro-organisı	ms in sewage treatment plants (STP)	> 10 mg/l
Soil		3,34 mg/kg
540-97-6	Dodecamethylcyclohexasiloxane	
Freshwater se	diment	2,826 mg/kg
Marine sediment		0,282 mg/kg
Micro-organisms in sewage treatment plants (STP)		> 1 mg/l
Soil		3,336 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls







Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye protection/face protection.

Hand protection

Tested protective gloves must be worn

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

according to UK REACH Regulation

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miscible

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: whitish
Odour: fruity

Melting point/freezing point:

Boiling point or initial boiling point and

not determined
not determined

boiling range:

Flammability: not applicable

not applicable
Lower explosion limits:

Upper explosion limits:

not determined
Flash point:

> 61 °C
Decomposition temperature:
pH-Value:

viscosity / kinematic:

not determined
not determined
not determined

Water solubility: Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

Vapour pressure:

Density:

Relative vapour density:

not determined
not determined
not determined
not determined

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Vapours can form explosive mixtures with air.

Self-ignition temperature

Solid: not applicable Gas: not applicable

Oxidizing properties Not oxidising.

Other safety characteristics

Evaporation rate: not determined Viscosity / dynamic: not determined

Further Information

Odour threshold: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

according to UK REACH Regulation

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Vapours can form explosive mixtures with air.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect against: frost. UV-radiation/sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

In case of fire may be liberated: Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
	Hexadecyl-aminoethy	ر-ylaminopropyl	oolydimethylsi	loxane		
	oral	LD50 mg/kg	> 2000	Rat	Manufacturer	By analogy.
166736-08-9	2-propylheptanol etho	oxylated, propo	xylated			
	oral	LD50 2000 mg/	> 300 - kg	Rat	Manufacturer	OECD 423
556-67-2	octamethylcyclotetrasiloxane					
	oral	LD50 mg/kg	4800	Rat	Manufacturer	OECD 401
	dermal	LD50 mg/kg	> 2400	Rat	Manufacturer	
	inhalation (4 h) dust/mist	LC50	36 mg/l	Rat	Manufacturer	OECD 403
541-02-6	Decamethylcyclopentasiloxane					
	oral	LD50 mg/kg	> 5000	Rat	Manufacturer	OECD 401
	dermal	LD50 mg/kg	> 2000	Rabbit	Manufacturer	OECD 402
	inhalation (4 h) dust/mist	LC50	8,67 mg/l	Rat	Manufacturer	OECD 403

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

according to UK REACH Regulation

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STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name	Chemical name					
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
166736-08-9	2-propylheptanol ethoxyla	ted, propoxy	rlated				
	Acute fish toxicity	LC50 100 mg/l	> 10 -	96 h	Danio rerio (zebrafish)	Manufacturer	OECD 203
	Acute algae toxicity	ErC50 100 mg/l	> 10 -		Scenedesmus subspicatus	Manufacturer	OECD 201
	Acute crustacea toxicity	EC50 100 mg/l	> 10 -		Daphnia magna (Big water flea)	Manufacturer	OECD 202
541-02-6	Decamethylcyclopentasiloxane						
-	Acute bacteria toxicity	EC50 mg/l ()	> 2000	3 h	Activated sludge	Manufacturer	

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
166736-08-9	2-propylheptanol ethoxylated, propoxylated			
	OECD 301B	> 60%	28	Manufacturer
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
556-67-2	octamethylcyclotetrasiloxane	5,1
541-02-6	Decamethylcyclopentasiloxane	8,023

BCF

CAS No	Chemical name	BCF	Species	Source
556-67-2	octamethylcyclotetrasiloxane		'	Manufacturer
			(fathead minnow)	

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The product has not been tested.

12.6. Endocrine disrupting properties

according to UK REACH Regulation

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This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)
------------------	----------

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

.1. UN number or ID number: No dangerous good in sense of this transport regula	
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

according to UK REACH Regulation

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Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):

octamethylcyclotetrasiloxane; Decamethylcyclopentasiloxane; Dodecamethylcyclohexasiloxane

Restrictions on use (REACH, annex XVII): Entry 3, Entry 40, Entry 70, Entry 75

Information according to Directive

Not subject to 2012/18/EU (SEVESO III)

2012/18/EU (SEVESO III):

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Flam. Liq: Flammable liquids Acute Tox: Acute toxicity Asp. Tox: Aspiration hazard Skin Irrit: Skin irritation Eye Dam: Eye damage Repr: Reproductive toxicity

Aquatic Chronic: Chronic aquatic hazard CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LC50: Lethal concentration, 50%

LD50: Lethal dose, 50% LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container VOC: Volatile Organic Compounds SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

according to UK REACH Regulation

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H226	Flammable liquid and vapour.			
H302	Harmful if swallowed.			
H304	May be fatal if swallowed and enters airways.			
H315	Causes skin irritation.			
H318	Causes serious eye damage.			
H361f	Suspected of damaging fertility.			
H410	Very toxic to aquatic life with long lasting effects.			
EUH066	Repeated exposure may cause skin dryness or cracking.			
Further Information				
product properties a	pased on the present level of our knowledge. It does not, however, give assurance of and establishes no contract legal rights. The receiver of our product is singularly ering to existing laws and regulations.			

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)