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GB

Safety data sheet

acco	ording to 1907/2006/EC, Article 31	!
Printing date 22.08.2017	V - 4	Revision: 22.08.2017
SECTION 1: Identification o	f the substance/mixture and of	the company/undertaking
· 1.1 Product identifier		
• Trade name: <u>CARSYSTEM 2K CL</u> • 1.2 Relevant identified uses of the s The product is intended for professi • Application of the substance / the n	substance or mixture and uses advised of the section of the sectio	l against
• 1.3 Details of the supplier of the sa • Manufacturer/Supplier: Vosschemie GmbH Esinger Steinweg 50 D-25436 Uetersen Phone: +49 (0)4122 717 0; Fax: +4	fety data sheet 49 (0)4122 717158; info@vosschemie	e.de
 Further information obtainable from Abteilung Labor / +49 (0)4122 71 s.schaller@vosschemie.de 1.4 Emergency telephone number: Giftinformationszentrum (GIZ)-Nor Phone: +49 (0)551 19240 	170	
1.5 Distributed By:		
Sydney Automotive Paint and Equip	ment	
Unit A3, 366 Edgar Street		
Condell Park		
NSW 2200		
Australia		
<i>Tel:</i> +61 2 9772 9000		
Email: reception@sape.com.	au	
Emergency telephone:	AU Poison Information Centre 13 1	1 26
General medical information:	+61 2 9772 9000 (Mon to Fri, 08:00	0-16:00 AEST)
Transport information:	+61 2 9772 9000 (Mon to Fri, 08:00	0-16:00 AEST)

		stance or mixture Regulation (EC) No 1272/2008
GHS	02 flame	
Flam. Liq. 3	H226	Flammable liquid and vapour.
GHS	08 health haz	ard
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure. (Contd. on page 2)



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Trade name: CARSYSTEM 2K CLEAR VOC HS/SR

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$\langle ! \rangle$	GHS07	
Skin Irrit.	2 НЗ15	Causes skin irritation.
Eye Irrit.		Causes serious eye irritation.
Skin Sens.	.1 H317	May cause an allergic skin reaction.
STOT SE	3 Н335-Н336	May cause respiratory irritation. May cause drowsiness or dizziness.
Aquatic C	Chronic 3 H412	Harmful to aquatic life with long lasting effects.
2.2 Label	elements	
		ion (EC) No 1272/2008
		belled according to the CLP regulation.
Hazard p	ictograms	
•		
	\wedge	
< C7 >		
•	• •	
GHS02	GHS07 GHS08	
Signal wa	ord Warning	
Signai wo	na warning	
Hazard-d	etermining componen	its of labelling:
xylene, mi	ixture of isomers	
n-butyl ac	etate	
Reaction	mass of Bis(1,2,2,6,6	6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-
		6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-
piperidyl .	sebacate	6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-
piperidyl Hazard st	sebacate atements	
piperidyl .	sebacate	
piperidyl Hazard st H226	sebacate atements Flammable liquid a	ind vapour.
piperidyl Hazard st H226 H315	sebacate atements Flammable liquid a Causes skin irritati	ind vapour. on.
piperidyl Hazard st H226 H315 H319	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye	und vapour. on. irritation.
piperidyl , Hazard st H226 H315 H319 H317	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller	und vapour. on. irritation. gic skin reaction.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3.	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat	und vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3.	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage	und vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin tr/vapours/spray.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin t/vapours/spray. or in a well-ventilated area.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective glo	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin et/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective glo	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin, t/vapours/spray. or in a well-ventilated area.
piperidyl. Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280 P332+P3	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective gla 13 If skin irritation oc	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin et/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection. curs: Get medical advice/attention.
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective gla 13 If skin irritation oc Dispose of conter	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin tt/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection. curs: Get medical advice/attention.
piperidyl. Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280 P332+P3	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective gla 13 If skin irritation oc	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin et/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection. curs: Get medical advice/attention.
piperidyl. Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280 P332+P3	sebacate fatements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective glo 13 If skin irritation oc Dispose of conter regulations.	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin et/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection. curs: Get medical advice/attention.
piperidyl Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280 P332+P3 P501 2.3 Other	sebacate fatements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective glo 13 If skin irritation oc Dispose of conter regulations.	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin, tr/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection. curs: Get medical advice/attention. nts/container in accordance with local/regional/national/internation
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280 P332+P3 P501 2.3 Other Results oj	sebacate atements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective gla 13 If skin irritation oc Dispose of conter regulations. hazards f PBT and vPvB asses	and vapour. on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smokin, tr/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection. curs: Get medical advice/attention. nts/container in accordance with local/regional/national/internation
piperidyl . Hazard st H226 H315 H319 H317 H335-H3. H373 H412 Precautio P210 P260 P271 P280 P332+P3 P501 2.3 Other Results oj PBT: Not	sebacate fatements Flammable liquid a Causes skin irritati Causes serious eye May cause an aller 36 May cause respirat May cause damage Harmful to aquatic nary statements Keep away from he Do not breathe mis Use only outdoors Wear protective glo 13 If skin irritation oc Dispose of conter regulations.	on. irritation. gic skin reaction. ory irritation. May cause drowsiness or dizziness. to organs through prolonged or repeated exposure. life with long lasting effects. eat, hot surfaces, sparks, open flames and other ignition sources. No smoking t/vapours/spray. or in a well-ventilated area. oves/protective clothing/eye protection/face protection. curs: Get medical advice/attention. nts/container in accordance with local/regional/national/internation

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Trade name: CARSYSTEM 2K CLEAR VOC HS/SR

3.2 Chemical characterisati Description: Mixture of sub Dangerous components:	on: Mixtures stances listed below with nonhazardous additions.	
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226; 🐠 STOT SE 3, H336	10-<20%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	5-<15%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2 H411; STOT SE 3, H335-H336	3-<10%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	3-<10%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332; Aquatic Chronic 3, H412	3-<10%
CAS: 112-07-2 EINECS: 203-933-3 Reg.nr.: 01-2119475112-47	2-butoxyethyl acetate Acute Tox. 4, H312; Acute Tox. 4, H332	1–<5%
EC number: 915-687-0 Reg.nr.: 01-2119491304-40	Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	01–<1%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Personal protection for the First Aider.

Take affected persons out of danger area and lay down.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

• After inhalation:

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

• After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

• After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

• After swallowing: Do not induce vomiting; call for medical help immediately.

• 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available. (Contd. on page 4)



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Keep receptacles tightly sealed. Ensure good ventilation/exhaustion at the workplace. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

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V - 4Revision: 22.08.2017 Printing date 22.08.2017 Trade name: CARSYSTEM 2K CLEAR VOC HS/SR (Contd. of page 4) Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. · Information about fire - and explosion protection: Vapours of the product are heavier than air and may accumulate on the ground, in mines, drains or cellars with higher concentration. Fumes can combine with air to form an explosive mixture. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Use explosion-proof apparatus / fittings and spark-proof tools. · 7.2 Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles: Store only in the original receptacle. Store in a cool location. Adhere to the provisions of the Law on Water Protection. · Information about storage in one common storage facility: Pls. refer to section 10 Store away from oxidising agents. Keep away from foodstuffs, beverages and feed. · Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. Store receptacle in a well ventilated area. Protect from heat and direct sunlight. · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

• Additional information about design of technical facilities: No further data; see item 7.

· Ingredients with limit values that require monitoring at the workplace: 123-86-4 n-butyl acetate WEL (Great Britain) Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm 1330-20-7 xylene, mixture of isomers WEL (Great Britain) Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV Short-term value: 442 mg/m³, 100 ppm IOELV (EU) Long-term value: 221 mg/m³, 50 ppm Skin 108-65-6 2-methoxy-1-methylethyl acetate WEL (Great Britain) Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk IOELV(EU) Short-term value: 550 mg/m³, 100 ppm Long-term value: 275 mg/m³, 50 ppm Skin (Contd. on page 6)



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112_07_22	-butoxyetl	wl acotato	(Contd. of pa
	-	Short-term value: 332 mg/m ³ , 50	DD144
WEL (Orea	ui Driiain)	Long-term value: 133 mg/m ³ , 20 j Sk	
IOELV (E	U)	Short-term value: 333 mg/m³, 50 Long-term value: 133 mg/m³, 20 j Skin	
DNELs			
	n-butyl ace	tate	
Oral	-	1 exposure - systemic effects	3.4 mg/kg bw/day (general population)
Dermal	e e	<i>i exposure - systemic effects</i>	3.4 mg/kg bw/day (general population)
Dermai	Long term	i exposure systemic effects	7 mg/kg bw/day (worker)
Inhalativa	Long torn	1 exposure - systemic effects	102.34 mg/m ³ (general population)
muunve	Long-lern	i exposure - systemic effects	
	A outo/sho	rt-term exposure - systemic effects	480 mg/m ³ (worker) 859.7 mg/m ³ (general population)
	Acute/sno	ri-term exposure - systemic effects	960 mg/m ³ (worker)
	A auto/alea	nt tomm own og und loogl offerte	
	Acute/sno	rt-term exposure - local effects	859.7 mg/m^3 (general population)
	T ,		960 mg/m ³ (worker)
	Long-tern	1 exposure - local effects	102.34 mg/m ³ (general population)
1000 00 7	,	• /	480 mg/m ³ (worker)
	÷ .	ixture of isomers	
Oral	<i>.</i>	n exposure - systemic effects	1.6 mg/kg bw/day (general population)
Dermal	Long-tern	n exposure - systemic effects	108 mg/kg bw/day (general population)
	_		180 mg/kg bw/day (worker)
Inhalative	Long-tern	n exposure - systemic effects	14.8 mg/m ³ (general population)
			77 mg/m ³ (worker)
	Acute/sho	rt-term exposure - systemic effects	
			289 mg/m ³ (worker)
	Acute/sho	rt-term exposure - local effects	174 mg/m ³ (general population)
			289 mg/m ³ (worker)
-	ons, C9, a		
Oral	~	n exposure - systemic effects	11 mg/kg bw/day (general population)
Dermal	Long-tern	n exposure - systemic effects	11 mg/kg bw/day (general population)
			25 mg/kg bw/day (worker)
Inhalative	Long-tern	n exposure - systemic effects	32 mg/m^3 (general population)
			150 mg/m³ (worker)
108-65-62	e-methoxy-	1-methylethyl acetate	
Oral	Long-tern	n exposure - systemic effects	1.67 mg/kg bw/day (general population)
Dermal	Long-tern	n exposure - systemic effects	54.8 mg/kg bw/day (general population)
			153.5 mg/kg bw/day (worker)
Inhalative	Long-tern	n exposure - systemic effects	33 mg/m ³ (general population)
			275 mg/m ³ (worker)



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112-07-2 2	-buto.	xyethyl acetate	(Contd. of pag
Dermal		-term exposure - systemic effects	102 mg/kg bw/day (worker)
		e/short-term exposure - systemic effects	
Inhalative		-term exposure - systemic effects	133 mg/m^3 (worker)
		e/short-term exposure - systemic effects	
		e/short-term exposure - local effects	333 mg/m^3 (worker)
Reaction n			l) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-
piperidyl s			· · · · · · · · ·
Oral	Acute	e/short-term exposure - systemic effects	1.25 mg/kg bw/day (general population)
	Long	-term exposure - systemic effects	1.25 mg/kg bw/day (general population)
Dermal	Long	-term exposure - systemic effects	1.25 mg/kg bw/day (general population)
			2.5 mg/kg bw/day (worker)
	Acute	e/short-term exposure - systemic effects	1.25 mg/kg bw/day (general population)
			2.5 mg/kg bw/day (worker)
Inhalative	Long	-term exposure - systemic effects	0.58 mg/m ³ (general population)
			2.35 mg/m ³ (worker)
	Acute	e/short-term exposure - systemic effects	0.58 mg/m ³ (general population)
			2.35 mg/m^3 (worker)
PNECs			1
123-86-4 n	-buty	l acetate	
PNEC aqu	-	0.18 mg/l (freshwater)	
		18 mg/l (marine water)	
		0.36 mg/l (intermittent releases)	
PNEC sedi	iment	981 mg/kg (freshwater)	
		0.0981 mg/kg (marine water)	
PNEC STI	р	35.6 mg/l	
PNEC soil		0.0903 mg/kg (soil dw)	
1330-20-7	xylen	e, mixture of isomers	
PNEC aqu	a	327 mg/l (freshwater)	
		327 mg/l (marine water)	
		327 mg/l (intermittent releases)	
PNEC sedi	iment	12.46 mg/kg (freshwater)	
		12.46 mg/kg (marine water)	
PNEC STI	р	6.58 mg/l	
108-65-62	-meth	oxy-1-methylethyl acetate	
PNEC aqu	а	635 mg/l (freshwater)	
		0.0635 mg/l (marine water)	
		6.35 mg/l (intermittent releases)	
PNEC sedi	iment	3.29 mg/kg (freshwater)	
		329 mg/kg (marine water)	
PNEC STI	р	100 mg/l	
PNEC soil		0.29 mg/kg (soil dw)	
			(Contd. on pag



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112-07-2 2-buto PNEC aqua	
1	304 mg/l (freshwater)
	0.0304 mg/l (marine water)
	0.56 mg/l (intermittent releases)
PNEC sediment	2.03 mg/kg (freshwater)
	203 mg/kg (marine water)
PNEC STP	90 mg/l
PNEC soil	0.68 mg/kg (soil dw)
	of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-
PNEC aqua	0.0022 mg/l (freshwater)
FNEC aqua	
	0.00022 mg/l (marine water)
DNEC . P	9 mg/l (intermittent releases)
FNEC sediment	1.05 mg/kg (freshwater)
DUEC CTP	0.11 mg/kg (marine water)
PNEC STP	1 mg/l
PNEC soil	0.21 mg/kg (soil dw)
1330-20-7 xylen	a biological limit values: ne, mixture of isomers Pritain) 650 mmol/mol creatinine
DMGV (Great D	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
	rmation: The lists valid during the making were used as basis.
Keep away from Do not eat, drin Do not inhale go Wash hands bef Immediately ren Wash contamina Store protective Avoid contact w Use skin protect Respiratory pro Adhere to the we Use respiratory In case of brief of	entrols tive equipment: ive and hygienic measures: a foodstuffs, beverages and feed. k, smoke or sniff while working. ases / fumes / aerosols. fore breaks and at the end of work. hove all soiled and contaminated clothing tted clothing before reuse. clothing separately. ith the eyes and skin. for cream for skin protection. tection: protective lemit values and / or other threshold values. protective device against the effects of fumes/dust/aerosol. exposure or low pollution use respiratory filter device. In case of intensive or longer exposure
Personal protect General protect Keep away from Do not eat, drin Do not inhale ge Wash hands bef Immediately rem Wash contamina Store protective Avoid contact w Use skin protect Respiratory pro Adhere to the we Use respiratory In case of brief	entrols tive equipment: ive and hygienic measures: a foodstuffs, beverages and feed. k, smoke or sniff while working. ases / fumes / aerosols. fore breaks and at the end of work. hove all soiled and contaminated clothing tted clothing before reuse. clothing separately. ith the eyes and skin. for cream for skin protection. tection: protective limit values and / or other threshold values. protective device against the effects of fumes/dust/aerosol. exposure or low pollution use respiratory filter device. In case of intensive or longer exposu- ed respiratory protective device.

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according to 1907/2006/EC, Article 31

V - 4 Printing date 22.08.2017 Revision: 22.08.2017 Trade name: CARSYSTEM 2K CLEAR VOC HS/SR (Contd. of page 8) To avoid skin problems reduce the wearing of gloves to the required minimum. Check the permeability prior to each anewed use of the glove. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves Butyl rubber, BR Nitrile rubber, NBR **PVA** gloves Recommended thickness of the material: $\geq 0.7 \text{ mm}$ The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. · Penetration time of glove material *Value for the permeation: Level* ≤ 6 (≥ 480 *min, DIN EN 374-3.*) The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. For special applications, it is recommended to verify the chemical resistance of the above stated protective gloves with the manufacturer. • Eye protection: Tightly sealed goggles

· Body protection: Protective work clothing

9.1 Information on basic physical and ch	nemical properties
General Information Appearance:	
Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	124°C
Flash point:	$> 23^{\circ}C$
Ignition temperature:	Not determined
Auto-ignition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air vapour mixtures are possible.



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Trade name: CARSYSTEM 2K CLEAR VOC HS/SR

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· Explosion limits:		
Lower:	0.7 Vol %	
Upper:	15.0 Vol %	
· Vapour pressure at 20°C:	10.7 hPa	
· Density at 20°C:	$0.97 - 0.99 \ g/cm^3$	
· Vapour density	Not determined.	
· Solubility in / Miscibility with		
water:	Not miscible or difficult to mix.	
· Partition coefficient: n-octanol/water:	Not determined	
· Viscosity:		
Dynamic at 20°C:	127 mPas	
Kinematic:	Not determined.	
• 9.2 Other information	No further relevant information available.	

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No decomposition if used according to specifications.
- · 10.2 Chemical stability No decomposition if used and stored according to specifications.
- · 10.3 Possibility of hazardous reactions
- Fumes can combine with air to form an explosive mixture. Reacts with alkali, amines and strong acids. Reacts with oxidising agents.
- · 10.4 Conditions to avoid Protect from heat and direct sunlight.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:
- Formation of toxic gases is possible during heating or in case of fire. Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

mation on toricological offect 11 1 1 . . .

LD/LC50	values relev	ant for classification:	
123-86-4 n	n-butyl aceta	ite	
Oral	LD50	10,760 mg/kg (rat) (OECD 423)	
Dermal	LD 50	>5,000 mg/kg (rabbit)	
Inhalative	LC50 /4h	>21 mg/l (rat) (OECD 403, vapour)	
	LC 50 / 4h	23.4 mg/l (rat) (OECD 403, aerosol)	
1330-20-7	xylene, mix	ture of isomers	
Oral	LD 50	>2,000 mg/kg (rat)	
Dermal	LD 50	>1,700 mg/kg (rabbit)	
Inhalative	LC 50 / 4h	21.7 mg/l (rat) (Vapour)	
	LC50 /4h	5,000 ppm (rat) (Gas)	
			(Contd. on page



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Hydrocar	bons, C9, ar	comatics (Contd. of page
Oral	LD 50	3,492 mg/kg (rat) (OECD 401)
Dermal	LD 50	>3,160 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 /4h	>6,193 mg/m ³ (rat) (OECD Guideline 403, vapour)
		I-methylethyl acetate
Oral	LD 50	>5,000 mg/kg (rat)
Dermal	LD 50	>5,000 mg/kg (rabbit)
Inhalative	LC50 /4h	35.7 mg/l (rat)
100-41-4	ethylbenzen	-
Oral	LD50	3,500 mg/kg (rat)
Dermal	LD 50	>5,000 mg/kg (rabbit)
Inhalative	LC50 /4h	17.2 mg/l (rat)
112-07-2	2-butoxyeth	
Oral	LD50	2,400 mg/kg (rat)
Dermal	LD50	1,580 mg/kg (rabbit)
Inhalative	LC50 /6h	>3.06 mg/l (rat) (saturated vapour concentration)
piperidyl s Oral Dermal	LD50 LD50	3,230 mg/kg (rat) >3,170 mg/kg (rat)
Skin corre Causes sk Serious ey Causes se Subacute Additiona Sensitisata CMR effe No further Germ cell Carcinoge Reproduct STOT-sin	l toxicologie ion Sensitise cts (carcino r relevant in mutagenici enicity Base tive toxicity gle exposur	ion rritation ritation. oxicity: No further relevant information available. cal information: Repeated exposure may cause skin dryness or cracking. ation possible through skin contact. genity, mutagenicity and toxicity for reproduction) formation available. ity Based on available data, the classification criteria are not met. d on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. e y irritation. May cause drowsiness or dizziness.

SECTION 12: Ecological information

· 12.1 Toxicity

EC50

*

• Aquatic toxicity:

123-86-4 n-butyl acetate

356 mg/l (bacteria) (Tetrahymena, 40h)

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EC50/48h	(Contd. of pag 44 mg/l (daphnia magna)
EC50/48n EC50/72h	674.7 mg/l (scenedesmus subspicatus)
EC30/72n	647.7 mg/l (desmodesmus subspicatus) 647.7 mg/l (desmodesmus subspicatus)
LC50/96h	18 mg/l (pimephales promelas) (OECD 203)
LC50/90n LC50	64 mg/l (danio rerio) (48h)
NOEC	200 mg/l (desmodesmus subspicatus)
1330-20-7 xylene, m	
EC50	>175 mg/l (activated slugde)
EC50/48h	3.82 mg/l (daphnia magna)
EC50/72h	4.7 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	7.6 mg/l (oncorhynchus mykiss)
NOEC	>1.3 mg/l (oncorhynchus mykiss) >1.3 mg/l (oncorhynchus mykiss) (56 d)
Hydrocarbons, C9, a	
EC50/48h	4.5 mg/l (daphnia magna)
EL50/48h	3.2 mg/l (daphnia) (OECD Guideline 202, mobility)
EL50/72h	2.9 mg/l (Pseudokirchneriella subcapitata) (OECD Guideline 201)
LL50/96h	9.2 mg/l (oncorhynchus aguabonita) (OECD Guideline 201)
LLJ0/90h	8.2 mg/l (pimephales promelas)
NOEC	0.5 mg/l (Pseudokirchneriella subcapitata) (72h)
NOLC	0.5 mg/l (I seudokirchnertena subcapitata) (72n) 0.5 mg/l (daphnia magna) (48h)
	2.6 mg/l (pimephales promelas) (14d)
NOFIP (aqua chror	
-	n.) 2,144 mg/l (daphnia magna) (21d, calculated by a computer model)
108-65-6 2-methoxy	p-1-methylethyl acetate
108-65-6 2-methoxy EC50/48h	-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.)
108-65-6 2-methoxy EC50/48h EC50/72h	 <i>p-1-methylethyl acetate</i> >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h	 -1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203)
108-65-6 2-methoxy EC50/48h EC50/72h	 >-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC	 <i>p</i>-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze	>-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204) me
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC	 >-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204) me 2.4 mg/l (daphnia magna)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h	$ \begin{array}{l} \hline \label{eq:starsest} \hline eq:st$
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h	$\begin{array}{l} \hline \textbf{P-1-methylethyl acetate} \\ \hline >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) \\ \hline >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) \\ \hline 130 mg/l (oncorhynchus mykiss) (OECD- 203) \\ \hline \ge 100 mg/l (daphnia magna) (21d, OECD 211) \\ \hline 47.5 mg/l (Oryzias latipes) (14d, OECD 204) \\ \hline \textbf{me} \\ \hline \\ \hline 2.4 mg/l (daphnia magna) \\ \hline >5.2 mg/l (americamysis bahia) \\ \hline 4.6 mg/l (Pseudokirchneriella subcapitata) \\ \hline \end{array}$
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h	 <i>p</i>-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204) 2.4 mg/l (daphnia magna) >5.2 mg/l (americamysis bahia) 4.6 mg/l (Pseudokirchneriella subcapitata) 4.2 mg/l (oncorhynchus mykiss)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h 112-07-2 2-butoxyet	$ \begin{array}{l} \hline \label{eq:starsest} $$ -1-methylethyl acetate $$ >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) $$ >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) $$ 130 mg/l (oncorhynchus mykiss) (OECD- 203) $$ >100 mg/l (daphnia magna) (21d, OECD 211) $$ 47.5 mg/l (Oryzias latipes) (14d, OECD 204) $$ me $$ $$ 2.4 mg/l (daphnia magna) $$ 5.2 mg/l (americamysis bahia) $$ 4.6 mg/l (Pseudokirchneriella subcapitata) $$ 4.2 mg/l (oncorhynchus mykiss) $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$$
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h 112-07-2 2-butoxyet EC50/48h	P-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204) The 2.4 mg/l (daphnia magna) >5.2 mg/l (americamysis bahia) 4.6 mg/l (Pseudokirchneriella subcapitata) 4.2 mg/l (oncorhynchus mykiss) thyl acetate 67.5 mg/l (daphnia magna) (ISO 6341 15)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h 112-07-2 2-butoxyet EC50/48h EC50/48h	$ \begin{array}{l} \hline \label{eq:point} \hline \end{pinal} \hline \$
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h 112-07-2 2-butoxyet EC50/48h EC50/72h EC50/72h EC50/0.5h	P-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204) me 2.4 mg/l (daphnia magna) >5.2 mg/l (americamysis bahia) 4.6 mg/l (Pseudokirchneriella subcapitata) 4.2 mg/l (oncorhynchus mykiss) thyl acetate 67.5 mg/l (daphnia magna) (ISO 6341 15) 1,570 mg/l (Pseudokirchneriella subcapitata) (ISO 8692) 22 mg/l (activated slugde) (OECD 209)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h 112-07-2 2-butoxyet EC50/48h EC50/72h EC50/72h EC50/0.5h LC50/96h	$P-1-methylethyl acetate$ $>500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.)$ $>1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201)$ $130 mg/l (oncorhynchus mykiss) (OECD- 203)$ $\geq 100 mg/l (daphnia magna) (21d, OECD 211)$ $47.5 mg/l (Oryzias latipes) (14d, OECD 204)$ The $2.4 mg/l (daphnia magna)$ $>5.2 mg/l (americamysis bahia)$ $4.6 mg/l (Pseudokirchneriella subcapitata)$ $4.2 mg/l (oncorhynchus mykiss)$ $Hyl acetate$ $67.5 mg/l (daphnia magna) (ISO 6341 15)$ $1,570 mg/l (Pseudokirchneriella subcapitata) (ISO 8692)$ $22 mg/l (activated slugde) (OECD 203)$
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h 112-07-2 2-butoxyet EC50/48h EC50/72h EC50/72h EC50/0.5h LC50/96h	P-1-methylethyl acetate >500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.) >1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201) 130 mg/l (oncorhynchus mykiss) (OECD- 203) ≥100 mg/l (daphnia magna) (21d, OECD 211) 47.5 mg/l (Oryzias latipes) (14d, OECD 204) me 2.4 mg/l (daphnia magna) >5.2 mg/l (americamysis bahia) 4.6 mg/l (Pseudokirchneriella subcapitata) 4.2 mg/l (oncorhynchus mykiss) thyl acetate 67.5 mg/l (daphnia magna) (ISO 6341 15) 1,570 mg/l (Pseudokirchneriella subcapitata) (ISO 8692) 22 mg/l (activated slugde) (OECD 209)
108-65-6 2-methoxy EC50/48h EC50/72h LC50/96h NOEC 100-41-4 ethylbenze EC50/48h EC50/72h LC50/96h 112-07-2 2-butoxyet EC50/48h EC50/72h EC50/72h EC50/0.5h LC50/96h Reaction mass of Bi	$P-1-methylethyl acetate$ $>500 mg/l (daphnia magna) (67/548/EWG Apendix V, C.2.)$ $>1,000 mg/l (Pseudokirchneriella subcapitata) (OECD- 201)$ $130 mg/l (oncorhynchus mykiss) (OECD- 203)$ $\geq 100 mg/l (daphnia magna) (21d, OECD 211)$ $47.5 mg/l (Oryzias latipes) (14d, OECD 204)$ The $2.4 mg/l (daphnia magna)$ $>5.2 mg/l (americamysis bahia)$ $4.6 mg/l (Pseudokirchneriella subcapitata)$ $4.2 mg/l (oncorhynchus mykiss)$ $Hyl acetate$ $67.5 mg/l (daphnia magna) (ISO 6341 15)$ $1,570 mg/l (Pseudokirchneriella subcapitata) (ISO 8692)$ $22 mg/l (activated slugde) (OECD 203)$



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EC50/21		Contd. of page	
EC50/3h	>100 mg/l (activated slugde) (OECD 209, aerob)		
LC50/96h	0.9 mg/l (danio rerio) (OECD 203, semistatic)		
	0.97 mg/l (Lepomis macrochirus) (OECD 203)		
	7.9 mg/l (oncorhynchus mykiss) (OECD 203)		
NOEC (aqua	chron.) 1 mg/l (daphnia magna) (OECD 211, semistatic, 21d)	1 mg/l (daphnia magna) (OECD 211, semistatic, 21d)	
	ce and degradability		
123-86-4 n-l	-		
Biodegradat	n 83 % (OECD 301 D 28d)		
1330-20-7 ху	ene, mixture of isomers		
Biodegradat	n 87.8 % (28d)		
•	r, C9, aromatics		
Biodegradat	n >70 % (OECD Guideline 301 F, 28d)		
108-65-6 2-n	ethoxy-1-methylethyl acetate	-	
BSB	>90 % (activated slugde) (28d, OECD 301 F)		
Biodegradat	n 100 % (OECD 302 B, 8d)		
100-41-4 eth	lbenzene		
Biodegradat	n > 70 % (28 d)		
Reaction ma piperidyl seb	of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentan cate	nethyl-4-	
Biodegradat	n 38 % (OECD 301F)		
12.3 Bioacci	nulative potential		
123-86-4 n-l	-		
log Pow 2.3	-		
BCF 15.			
1330-20-7 xy	ene, mixture of isomers		
log Pow >3			
BCF 6-2	2.4		
108-65-6 2-n	ethoxy-1-methylethyl acetate		
	OECD Guideline 117 [20°C; pH 6,8])		
100-41-4 eth			
log Pow 3.1			
÷	toxyethyl acetate		
log Kow 1.5			
BCF 1.5			
Reaction ma piperidyl seb	s of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentam cate	nethyl-4-	
	-2.77 (OECD 107)		
BCF <9			
Behaviour in	environmental systems:		
12.4 Mobilit	· · · · · · · · · · · · · · · · · · ·		
123-86-4 n-l			
	-		
log Koc 1.2			



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108-65-6 2-methoxy-1-methylethyl acetate
--

Koc 1.7

Reaction mass of Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

log Koc 5.31

Koc 204,400

· Ecotoxical effects:

- · Remark: Harmful to aquatic organisms
- · Additional ecological information:
- · General notes:

Do not allow product to reach ground water, water course or sewage system.

- Danger to drinking water if even small quantities leak into the ground.
- · 12.5 Results of PBT and vPvB assessment
- *PBT*: Not applicable.
- **vPvB:** Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

· Waste disposal key:

The waste codes given above are to be considered recommendations; because of regional and industrial sector specific features, application of different waste codes is possible.

· European waste catalogue

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

· Uncleaned packaging:

· Recommendation:

Packagings that may not be cleansed are to be disposed of in the same manner as the product. Disposal must be made according to official regulations.

· 14.1 UN-Number		
· ADR, IMDG, IATA	UN1263	
· 14.2 UN proper shipping name		
·ADR	1263 PAINT	
· IMDG, IATA	PAINT	



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Trade name: CARSYSTEM 2K CLEAR VOC HS/SR

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· 14.3 Transport hazard class(es)	Hazchem: •3Y
ADR, IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Danger code (Kemler):	30
· EMS Number:	<i>F-E</i> , <u><i>S-E</i></u>
· 14.7 Transport in bulk according to Anne	ex II of
Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
\cdot Excepted quantities (EQ)	Code: El
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
• Tunnel restriction code	D/E

SECTION 15: Regulatory information

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

- · European regulations
- · Directive 2004/42/EC 2004/42/IIB (e) (840) <840
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · National regulations:
- · Information about limitation of use:

Employment restrictions concerning juveniles must be observed. Employment restrictions concerning pregnant and lactating women must be observed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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GB



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Safety data sheet

according to 1907/2006/EC, Article 31

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Trade name: CARSYSTEM 2K CLEAR VOC HS/SR

(Contd. of page 15) · Relevant phrases H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. · Department issuing SDS: Abteilung Labor · Contact: Frau S. Schaller · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Skin Sens. 1: Skin sensitisation - Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3 \cdot * Data compared to the previous version altered.