

Safety Data Sheet

according to Regulation (EC) No 1907/2006

2260 Paint primer red brown 750 ml

Revision date: 06.02.2024

Product code: 92085

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

1.1. Product identifier

2260 Paint primer red brown 750 ml

UFI: 5W07-R867-600Q-Y6V6

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

Use of the substance/mixture

Anti-corrosive paints, containing solvents, high in aromatics, harmful

1.3. Details of the supplier of the safety data sheet

Company name:	Kisling (Deutschland) GmbH	
Street:	Salzstraße 15	
Place:	D-74676 Niedernhall	
Telephone:	+49 7940 50961 61	
E-mail:	technical.support@kisling.com	
Contact person:	Dr. Hans Götz	Telephone: +49 7940 5096 143
E-mail:	compliance@kisling.com	
Internet:	www.kisling.com	

1.4. Emergency telephone number:

24 hr. emergency phone number +1 872 5888271 (KAR)
Medicines & Poisons Info Office +356 2545 6508

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 3; H226
Skin Irrit. 2; H315
Eye Irrit. 2; H319
STOT RE 2; H373

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

xylene

Signal word: Warning

Pictograms:



Hazard statements

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

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.
P260	Do not breathe mist/vapours/spray.

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P403+P235 Store in a well-ventilated place. Keep cool.

Special labelling of certain mixtures

EUH208 Contains Cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

Additional advice on labelling

Tactile warning according to EN/ISO 11683.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Warning

Pictograms:


Hazard statements

H373

Precautionary statements

P101-P102-P260

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Paints and varnishes

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
123-86-4	n-butyl acetate			15 - < 30 %
	204-658-1	607-025-00-1		
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			
108-65-6	2-methoxy-1-methylethyl acetate			5 - < 15 %
	203-603-9	607-195-00-7		
	Flam. Liq. 3; H226			
1330-20-7	xylene			5 - < 15 %
	215-535-7	601-022-00-9		
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1; H226 H332 H312 H315 H319 H335 H373 H304			
100-41-4	ethylbenzene			5 - < 15 %
	202-849-4	601-023-00-4		
	Flam. Liq. 2, Acute Tox. 4, STOT RE 2, Asp. Tox. 1; H225 H332 H373 H304			
85203-81-2	Hexanoic acid, 2-ethyl-, zinc salt, basic			1 - < 5 %
	286-272-3			
	Repr. 2, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 3; H361d H315 H319 H412			
136-52-7	Cobalt bis(2-ethylhexanoate)			< 0.1 %
	205-250-6		01-2119524678-29	
	Repr. 2, Eye Irrit. 2, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 3; H361f H319 H317 H400 H412			

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

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
123-86-4	204-658-1	n-butyl acetate	15 - < 30 %
		oral: LD50 = 14130 mg/kg	
108-65-6	203-603-9	2-methoxy-1-methylethyl acetate	5 - < 15 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 6190 - 10000 mg/kg	
1330-20-7	215-535-7	xylene	5 - < 15 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1.5 mg/l (dusts or mists); dermal: LD50 = 2000 mg/kg; oral: LD50 = 4300 mg/kg	
100-41-4	202-849-4	ethylbenzene	5 - < 15 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1.5 mg/l (dusts or mists); oral: LD50 = ca. 3500 mg/kg	
85203-81-2	286-272-3	Hexanoic acid, 2-ethyl-, zinc salt, basic	1 - < 5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
136-52-7	205-250-6	Cobalt bis(2-ethylhexanoate)	< 0.1 %
		dermal: LD50 = 5690 mg/kg; oral: LD50 = 3129 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Give nothing to eat or drink.

After inhalation

In case of inhaling spray mist, consult a doctor immediately and show him packing or label. If unconscious but breathing normally, place in recovery position and seek medical advice. Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. Wash thoroughly the body (shower or bath).

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.

After ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

Vapours may cause drowsiness and dizziness. Frequently or prolonged contact with skin may cause dermal irritation.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂), Dry extinguishing powder, Foam.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

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5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water. Remove product from area of fire. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Provide adequate ventilation.

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

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking. Flammable vapours can accumulate in head space of closed systems. Caution! Transport usually takes place at temperatures above the flash point.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

Advice on general occupational hygiene

Do not breathe gas/vapour/aerosol. Wash hands before breaks and after work. When using do not eat or drink.

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Material, oxygen-rich, Oxidising, Pyrophoric or self-heating substances.

Further information on storage conditions

Keep away from heat.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m ³	fib/cm ³	Category	Origin
108-65-6	2-Methoxy-1-methylethylacetate	50	275		TWA (8 h)	
		100	550		STEL (15 min)	
100-41-4	Ethylbenzene	100	442		TWA (8 h)	
		200	884		STEL (15 min)	
123-86-4	n-Butylacetate	50	241		TWA (8 h)	EU
		150	723		STEL (15 min)	EU
1330-20-7	Xylene, mixed isomers, pure	50	221		TWA (8 h)	
		100	442		STEL (15 min)	

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DNEL/DMEL values

CAS No	Name of agent	Exposure route	Effect	Value
123-86-4	n-butyl acetate			
Worker DNEL, long-term		inhalation	systemic	300 mg/m ³
Worker DNEL, acute		inhalation	systemic	600 mg/m ³
Worker DNEL, long-term		inhalation	local	300 mg/m ³
Worker DNEL, acute		inhalation	local	600 mg/m ³
Worker DNEL, long-term		dermal	systemic	11 mg/kg bw/day
Worker DNEL, acute		dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	35,7 mg/m ³
Consumer DNEL, acute		inhalation	systemic	300 mg/m ³
Consumer DNEL, long-term		inhalation	local	35,7 mg/m ³
Consumer DNEL, acute		inhalation	local	300 mg/m ³
Consumer DNEL, long-term		dermal	systemic	6 mg/kg bw/day
Consumer DNEL, acute		dermal	systemic	6 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	2 mg/kg bw/day
Consumer DNEL, acute		oral	systemic	2 mg/kg bw/day
108-65-6	2-methoxy-1-methylethyl acetate			
Worker DNEL, long-term		inhalation	systemic	275 mg/m ³
Worker DNEL, acute		inhalation	local	550 mg/m ³
Worker DNEL, long-term		dermal	systemic	796 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	33 mg/m ³
Consumer DNEL, long-term		inhalation	local	33 mg/m ³
Consumer DNEL, long-term		dermal	systemic	320 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	36 mg/kg bw/day
1330-20-7	xylene			
Worker DNEL, long-term		inhalation	systemic	221 mg/m ³
Worker DNEL, acute		inhalation	systemic	442 mg/m ³
Worker DNEL, long-term		inhalation	local	221 mg/m ³
Worker DNEL, acute		inhalation	local	442 mg/m ³
Worker DNEL, long-term		dermal	systemic	212 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	65,3 mg/m ³
Consumer DNEL, acute		inhalation	systemic	260 mg/m ³
Consumer DNEL, long-term		inhalation	local	65,3 mg/m ³
Consumer DNEL, acute		inhalation	local	260 mg/m ³
Consumer DNEL, long-term		dermal	systemic	125 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	12,5 mg/kg bw/day
100-41-4	ethylbenzene			
Worker DNEL, long-term		inhalation	systemic	77 mg/m ³
Worker DNEL, acute		inhalation	local	293 mg/m ³
Worker DNEL, long-term		dermal	systemic	180 mg/kg bw/day

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Consumer DNEL, long-term	inhalation	systemic	15 mg/m ³
Consumer DNEL, long-term	oral	systemic	1,6 mg/kg bw/day
85203-81-2	Hexanoic acid, 2-ethyl-, zinc salt, basic		
Worker DNEL, long-term	inhalation	systemic	20.83 mg/m ³
Worker DNEL, long-term	dermal	systemic	6.41 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	10.42 mg/m ³
Consumer DNEL, long-term	dermal	systemic	3.21 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	3.21 mg/kg bw/day
136-52-7	Cobalt bis(2-ethylhexanoate)		
Consumer DNEL, long-term	oral	systemic	0.175 mg/kg bw/day

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PNEC values

CAS No	Name of agent	Value
Environmental compartment		
123-86-4	n-butyl acetate	
Freshwater		0,18 mg/l
Freshwater (intermittent releases)		0,36 mg/l
Marine water		0,018 mg/l
Freshwater sediment		0,981 mg/kg
Marine sediment		0,098 mg/kg
Micro-organisms in sewage treatment plants (STP)		35,6 mg/l
Soil		0,09 mg/kg
108-65-6	2-methoxy-1-methylethyl acetate	
Freshwater		0,635 mg/l
Freshwater (intermittent releases)		6,35 mg/l
Marine water		0,064 mg/l
Freshwater sediment		3,29 mg/kg
Marine sediment		0,329 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,29 mg/kg
1330-20-7	xylene	
Freshwater		0,327 mg/l
Freshwater (intermittent releases)		0,327 mg/l
Marine water		0,327 mg/l
Freshwater sediment		12,46 mg/kg
Marine sediment		12,46 mg/kg
Micro-organisms in sewage treatment plants (STP)		6,58 mg/l
Soil		2,31 mg/kg
100-41-4	ethylbenzene	
Freshwater		0,1 mg/l
Freshwater (intermittent releases)		0,1 mg/l
Marine water		0,01 mg/l
Freshwater sediment		13,7 mg/kg
Marine sediment		1,37 mg/kg
Secondary poisoning		20 mg/kg
Micro-organisms in sewage treatment plants (STP)		9,6 mg/l
Soil		2,68 mg/kg
85203-81-2	Hexanoic acid, 2-ethyl-, zinc salt, basic	
Freshwater		0.0896 mg/l
Freshwater (intermittent releases)		0.493 mg/l
Marine water		0.0265 mg/l
Freshwater sediment		8.17 mg/kg
Marine sediment		0.817 mg/kg
Micro-organisms in sewage treatment plants (STP)		0.226 mg/l

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Soil	1.36 mg/kg
136-52-7	Cobalt bis(2-ethylhexanoate)
Freshwater	0.00106 mg/l
Marine water	0.00236 mg/l
Freshwater sediment	53.8 mg/kg
Marine sediment	69.8 mg/kg
Micro-organisms in sewage treatment plants (STP)	0.37 mg/l
Soil	10.9 mg/kg

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves. EN ISO 374
>=0,4 mm

Breakthrough times and swelling properties of the material must be taken into consideration.
Anwendung > 480 min: Handschuhe aus HPPE-Laminatfilm verwenden.

Skin protection

Wear anti-static footwear and clothing

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values insufficient ventilation.
Suitable respiratory protection apparatus: Filtering device (full mask or mouthpiece) with filter: A2P2

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	red brown
Odour:	characteristic
Odour threshold:	not determined

Test method

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	124 °C
Flammability:	not determined
Lower explosion limits:	1,1 vol. %
Upper explosion limits:	7,5 vol. %
Flash point:	23 °C
Auto-ignition temperature:	315 °C
Decomposition temperature:	not determined
pH-Value:	not determined
Viscosity / kinematic:	not determined
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.

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Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

not determined

Vapour pressure:

10,7 hPa

(at 20 °C)

Density (at 20 °C):

1,28 g/cm³

Relative vapour density:

not determined

Particle characteristics:

not determined

9.2. Other information

Other safety characteristics

Solvent content:

41%

Solid content:

59%

Flow time:

62 s 4 DIN 53211

SECTION 10: Stability and reactivity

10.1. Reactivity

No known hazardous reactions.

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Heating may cause a fire or explosion.

10.5. Incompatible materials

Materials to avoid: Base.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

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

Toxicokinetics, metabolism and distribution

Toxicological data are not available.

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) 20000 mg/kg; ATE (inhalation vapour) 55.03 mg/l; ATE (inhalation dust/mist) 7.504 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
123-86-4	n-butyl acetate				
	oral	LD50 mg/kg	14130	Rat	Publication (1954) acute oral toxicity test
108-65-6	2-methoxy-1-methylethyl acetate				
	oral	LD50 mg/kg	6190 - 10000	Rat	Study report (1985) OECD Guideline 401
	dermal	LD50 mg/kg	> 2000	Rat	Study report (1985) OECD Guideline 402
1330-20-7	xylene				
	oral	LD50 mg/kg	4300	Rat	
	dermal	LD50 mg/kg	2000	Rabbit	
	inhalation vapour	ATE	11 mg/l		
	inhalation dust/mist	ATE	1.5 mg/l		
100-41-4	ethylbenzene				
	oral	LD50 mg/kg	ca. 3500	Rat	AMA Arch. Ind. Health. 14:387-398. (1956) No guideline available
	inhalation vapour	ATE	11 mg/l		
	inhalation dust/mist	ATE	1.5 mg/l		
85203-81-2	Hexanoic acid, 2-ethyl-, zinc salt, basic				
	oral	LD50 mg/kg	> 5000	Rat	Publication (1977) OECD Guideline 401
	dermal	LD50 mg/kg	> 2000	Rat	Study report (2010) OECD Guideline 402
136-52-7	Cobalt bis(2-ethylhexanoate)				
	oral	LD50 mg/kg	3129	Rat	Study report (2011) OECD Guideline 425
	dermal	LD50 mg/kg	5690	Guinea pig	John Wiley & Sons. New York, NY, USA, p. OECD Guideline 402

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

Contains Cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure. (xylene)

Aspiration hazard

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

Specific effects in experiment on an animal

No data available

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11.2. Information on other hazards

Other information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
123-86-4	n-butyl acetate					
	Acute fish toxicity	LC50 18 mg/l	96 h	Pimephales promelas	Publication (1984)	OECD Guideline 203
	Acute crustacea toxicity	EC50 44 mg/l	48 h	Daphnia sp.	Publication (1959)	OECD Guideline 202
	Crustacea toxicity	NOEC mg/l 23,2	21 d	Daphnia magna	Study report (2000)	OECD Guideline 211
108-65-6	2-methoxy-1-methylethyl acetate					
	Acute fish toxicity	LC50 100 - 180 mg/l	96 h	Oncorhynchus mykiss	Study report (1987)	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l > 1000	96 h	Raphidocelis subcapitata	Study report (1986)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l > 500	48 h	Daphnia magna	Study report (1987)	EU Method C.2
	Fish toxicity	NOEC mg/l 47,5	14 d	Oryzias latipes	Study report (1998)	OECD Guideline 204
	Crustacea toxicity	NOEC mg/l >= 100	21 d	Daphnia magna	Study report (1998)	OECD Guideline 211
1330-20-7	xylene					
	Fish toxicity	NOEC mg/l > 1,3	56 d	Oncorhynchus mykiss	Appl. Sci. Branch, Eng. Res. Cent. Denve	Fish were exposed in artificial streams
	Crustacea toxicity	NOEC mg/l 1,17	7 d	Ceriodaphnia dubia	Ecotoxicology and Environmental Safety 3	other: US EPA 600/4-91-003
	Acute bacteria toxicity	(EC50 mg/l) > 175	0 h	Activated sludge	Research Journal WPCF 60(10) 1850-1856 (OECD Guideline 209
100-41-4	ethylbenzene					
	Acute fish toxicity	LC50 4,2 mg/l	96 h	Oncorhynchus mykiss	Ecotoxicol. Environ. Saf. 16:158-169 (19	OECD Guideline 203
	Acute algae toxicity	ErC50 4,6 mg/l	72 h	Pseudokirchneriella subcapitata	Chemosphere 10(10): 1123-1126 (1981)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l 1,8 - 2,4	48 h	Daphnia magna	Water Res. 27:903-909 (1993)	other: According to EPA method F
	Acute bacteria toxicity	(EC50 mg/l) ca. 600	0.5 h	activated sludge, domestic	Study report (1988)	OECD Guideline 209
85203-81-2	Hexanoic acid, 2-ethyl-, zinc salt, basic					
	Acute fish toxicity	LC50 mg/l 0.315	96 h	Thymallus arcticus	Ecotoxicology and environmental safety 2	other: American Society for testing matr
	Acute algae toxicity	ErC50 mg/l 2.72	72 h	Raphidocelis subcapitata	Study report (2013)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l 2.14	48 h	Daphnia magna	Environm. Toxicol. & Chemistry 24 nr 5,	OECD Guideline 202
	Fish toxicity	NOEC mg/l 0.44	72 d	Oncorhynchus mykiss	Trans. Am. Fish. Soc. 111, 70-77 (1982)	lab -designed dose response test with sm

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	Algae toxicity	NOEC mg/l	1.071	16 d	Macrocystis pyrifera	Mar Environ Res 26(2):113-134 (1988)	16-d and 2-d toxicity test to early life
	Crustacea toxicity	NOEC mg/l	0.031	50 d	Daphnia magna	Aquatic Toxicology 12,273-290 (1988)	chronic tests were performed for an exte
	Acute bacteria toxicity	(EC50 mg/l)	5.2	3 h	activated sludge of a predominantly domestic sewage	Water research volume 17, nr10, 1363-136	OECD Guideline 209
136-52-7	Cobalt bis(2-ethylhexanoate)						
	Acute fish toxicity	LC50 mg/l	54.1	96 h	Pimephales promelas	Study report (2009)	other: ASTM guideline
	Acute algae toxicity	ErC50 mg/l	71.314	96 h	Dunaliella tertiolecta	Study report (2010)	other: American Society for Testing and
	Acute crustacea toxicity	EC50 mg/l	42.7	48 h	Aeolosoma sp.	Study report (2008)	Newman, J.P., Jr. 1975. The effects of h
	Fish toxicity	NOEC mg/l	0.21	34 d	Pimephales promelas	Study report (2009)	other: This study was conducted accordin
	Algae toxicity	NOEC mg/l	0.0018	7 d	Champia parvula	Study report - model refit from original	other: EPA 821-R- 02-014, Method 1009.0
	Crustacea toxicity	NOEC mg/l	0.1697	14 d	Aeolosoma sp.	Study report (2008)	other: Newman, J.P., Jr. 1975. The effec
	Acute bacteria toxicity	(EC50 mg/l)	120		Activated sludge	Study report (2010)	OECD Guideline 209

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
123-86-4	n-butyl acetate	200
108-65-6	2-methoxy-1-methylethyl acetate	1,2
1330-20-7	xylene	3,2
100-41-4	ethylbenzene	3,6
85203-81-2	Hexanoic acid, 2-ethyl-, zinc salt, basic	> 5.7
136-52-7	Cobalt bis(2-ethylhexanoate)	2.96

BCF

CAS No	Chemical name	BCF	Species	Source
1330-20-7	xylene	> 5,5 - < 12,2	Oncorhynchus mykiss	Appl. Sci. Branch, E
100-41-4	ethylbenzene	1	Oncorhynchus kisutch	Arch. Environ. Conta
85203-81-2	Hexanoic acid, 2-ethyl-, zinc salt, basic	28960	Palaemon elegans	Hydrobiologia 174,24
136-52-7	Cobalt bis(2-ethylhexanoate)	23	Asterias rubens	Marine Pollution Bul

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

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

No data available

12.6. Endocrine disrupting properties

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 data available

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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.

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

< 450 Liter ADR 2.2.3.1.5.

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1263

14.2. UN proper shipping name: Paint

14.3. Transport hazard class(es): 3

14.4. Packing group: III

Hazard label: 3

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Classification code: F1
Special Provisions: 163 640E 650
Limited quantity: 5 L

Other applicable information (inland waterways transport)

E0
E1

Marine transport (IMDG)

14.1. UN number or ID number: UN 1263
14.2. UN proper shipping name: Paint
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: 163, 223, 955
Limited quantity: 5 L
EmS: F-E, S-E

Other applicable information (marine transport)

E0
E1

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1263
14.2. UN proper shipping name: Paint
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: A3 A72
Limited quantity Passenger: 10 L
IATA-packing instructions - Passenger: 355
IATA-max. quantity - Passenger: 60 L
IATA-packing instructions - Cargo: 366
IATA-max. quantity - Cargo: 220 L

Other applicable information (air transport)

E0
: Y203
E1
: Y344

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

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SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

2010/75/EU (VOC): 41,2%; 527,4 g/l

2004/42/EC (VOC): 527,4 g/l

Subcategory according to Directive 2004/42/EC: Primer - Surfacer/filler and general (metal) primer, VOC limit value: 540 g/l

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

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 liquid

Acute Tox: Acute toxicity

Asp. Tox: Aspiration hazard

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

Skin Sens: Skin sensitisation

Repr: Reproductive toxicity

STOT SE: Specific target organ toxicity - single exposure

STOT RE: Specific target organ toxicity - repeated exposure

Aquatic Acute: Acute aquatic hazard

Aquatic Chronic: Chronic aquatic hazard

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT RE 2; H373	Calculation method

Relevant H and EUH statements (number and full text)

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.

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H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains Cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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