

Trade name: BAODECKLACK 130 & BAO-COLORFIX 220

Current version : 1.0.0, issued: 27.07.2021

Replaced version: -, issued: -

Region: IE

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

1.1 Product identifier

Trade name

BAODECKLACK 130 & BAO-COLORFIX 220

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

Relevant identified uses of the substance or mixture

surface treatment (finishing)

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

BAO-CHEMIE GmbH & Co. Chemische Fabrik KG

Gohrweide 17

46238 Bottrop

Telephone no. +49 2041 7208-0

Fax no. +49 2041 7208-20

e-mail info@bao-chemie.de

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

+353 1 809 2166 (National Poisons Information Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aquatic Chronic 3; H412

Eye Irrit. 2; H319

Flam. Liq. 2; H225

Skin Irrit. 2; H315

STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07

Signal word

Danger

Hazardous component(s) to be indicated on label:

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n-butyl acetate

Hazard statement(s)

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

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.
P261 Avoid breathing fume/ gas/ mist/ vapours/ spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378 In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguish.
P405 Store locked up.
P501 Dispose of contents/container to a facility in accordance with local/regional/national/international regulations.

2.3 Other hazards

PBT assessment
No data available.

vPvB assessment
No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	n-butyl acetate		
	123-86-4 204-658-1 607-025-00-1 01-2119485493-29	EUH066 Flam. Liq. 3; H226 STOT SE 3; H336	>= 50,00 - < 70,00 wt%
2	propan-2-ol		
	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336	>= 10,00 - < 25,00 wt%
3	acetone		
	67-64-1 200-662-2 606-001-00-8 01-2119471330-49	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	>= 10,00 - < 25,00 wt%
4	isobutyl acetate		

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	110-19-0 203-745-1 607-026-00-7 -	EUH066 Flam. Liq. 2; H225	>= 5,00 - < 10,00	wt%
5	xylene			
	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	STOT RE 2; H373 Flam. Liq. 3; H226 Asp. Tox. 1; H304 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 Acute Tox. 4; H332	>= 5,00 - < 10,00	wt%
6	1-methoxy-2-propanol			
	107-98-2 203-539-1 603-064-00-3 01-2119457435-35	Flam. Liq. 3; H226 STOT SE 3; H336	>= 5,00 - < 10,00	wt%
7	Naphtha (petroleum), hydrotreated light		Contains < 0.1 % w/w benzene (EC No 200-753-7).	
	64742-49-0 265-151-9 649-328-00-1 -	Aquatic Chronic 2; H411 Asp. Tox. 1; H304 Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336	>= 5,00 - < 10,00	wt%
8	ethylbenzene			
	100-41-4 202-849-4 601-023-00-4 01-2119489370-35	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Acute Tox. 4; H332 STOT RE 2; H373 Aquatic Chronic 3; H412	>= 5,00 - < 10,00	wt%
9	toluene			
	108-88-3 203-625-9 601-021-00-3 01-2119471310-51	Asp. Tox. 1; H304 Flam. Liq. 2; H225 Repr. 2; H361d*** Skin Irrit. 2; H315 STOT RE 2*; H373** STOT SE 3; H336	< 0,50	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, **, ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
4	C	-	-	-
5	C	STOT RE 2; H373: C >= 10%	-	-
7	P	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

No	Route, target organ, concrete effect
8	H373 -; hearing organs; -

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
7			5,62 mg/l
8			17,8 mg/l

SECTION 4: First aid measures



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4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off with water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water. Do not inhale explosion and/or combustion byproducts.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Keep away from ignition sources. Ensure adequate ventilation.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

Advice on protection against fire and explosion

Keep away from ignition sources and provide for good ventilation. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion-proof equipment/fittings and non-sparking tools. Vapours can form an explosive mixture with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original. Provide floor trough without outlets.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)			
	Butyl acetate		
	WEL short-term (15 min reference period)	950 mg/m ³	200 ppm
	WEL long-term (8-hr TWA reference period)	710 mg/m ³	150 ppm
EU 2019/1831			
	n-Butyl acetate		
	WEL short-term (15 min reference period)	723 mg/m ³	150 ppm
	WEL long-term (8-hr TWA reference period)	241 mg/m ³	50 ppm
2	propan-2-ol	67-63-0	200-661-7
List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)			
	Isopropyl alcohol		
	WEL short-term (15 min reference period)		400 ppm
	WEL long-term (8-hr TWA reference period)		200 ppm
	Comments	Sk	
3	acetone	67-64-1	200-662-2
2000/39/EC			
	Acetone		
	WEL long-term (8-hr TWA reference period)	1210 mg/m ³	500 ppm
List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)			
	Acetone		
	WEL long-term (8-hr TWA reference period)	1210 mg/m ³	500 ppm
	Comments	IOELV	
4	isobutyl acetate	110-19-0	203-745-1

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List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)					
	Isobutyl acetate				
	WEL long-term (8-hr TWA reference period)	700	mg/m³	150	ppm
	EU 2019/1831				
	Isobutyl acetate				
	WEL short-term (15 min reference period)	723	mg/m³	150	ppm
	WEL long-term (8-hr TWA reference period)	241	mg/m³	50	ppm
5	xylene	1330-20-7		215-535-7	
	2000/39/EC				
	Xylene, mixed isomers, pure				
	WEL short-term (15 min reference period)	442	mg/m³	100	ppm
	WEL long-term (8-hr TWA reference period)	221	mg/m³	50	ppm
	Skin resorption / sensibilisation	Skin			
	List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)				
	Xylene, mixed isomers				
	WEL short-term (15 min reference period)	442	mg/m³	100	ppm
	WEL long-term (8-hr TWA reference period)	221	mg/m³	50	ppm
	Comments	Sk, IOELV			
6	1-methoxy-2-propanol	107-98-2		203-539-1	
	2000/39/EC				
	1-Methoxypropanol-2				
	WEL short-term (15 min reference period)	568	mg/m³	150	ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m³	100	ppm
	Skin resorption / sensibilisation	Skin			
	List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)				
	Propylene glycol monomethyl ether				
	WEL short-term (15 min reference period)	568	mg/m³	150	ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m³	100	ppm
	Comments	IOELV			
7	ethylbenzene	100-41-4		202-849-4	
	2000/39/EC				
	Ethylbenzene				
	WEL short-term (15 min reference period)	884	mg/m³	200	ppm
	WEL long-term (8-hr TWA reference period)	442	mg/m³	100	ppm
	Skin resorption / sensibilisation	Skin			
	List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)				
	Ethylbenzene				
	WEL short-term (15 min reference period)	884	mg/m³	200	ppm
	WEL long-term (8-hr TWA reference period)	442	mg/m³	100	ppm
	Comments	Sk, IOELV			
8	toluene	108-88-3		203-625-9	
	2006/15/EC				
	Toluene				
	WEL short-term (15 min reference period)	384	mg/m³	100	ppm
	WEL long-term (8-hr TWA reference period)	192	mg/m³	50	ppm
	Skin resorption / sensibilisation	Skin			
	List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice)				
	Toluene				
	WEL short-term (15 min reference period)	384	mg/m³	100	ppm
	WEL long-term (8-hr TWA reference period)	192	mg/m³	50	ppm
	Comments	Sk, IOELV			

DNEL, DMEL and PNEC values**DNEL values (worker)**

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value

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1	n-butyl acetate			123-86-4 204-658-1
	dermal	Long term (chronic)	systemic	11 mg/kg/day
	dermal	Short term (acut)	systemic	11 mg/kg/day
	inhalative	Long term (chronic)	systemic	300 mg/m ³
	inhalative	Short term (acut)	systemic	600 mg/m ³
	inhalative	Long term (chronic)	local	300 mg/m ³
	inhalative	Short term (acut)	local	600 mg/m ³
2	propan-2-ol			67-63-0 200-661-7
	dermal	Long term (chronic)	systemic	888 mg/kg/day
	inhalative	Long term (chronic)	systemic	500 mg/m ³
3	acetone			67-64-1 200-662-2
	dermal	Long term (chronic)	systemic	186 mg/kg/day
	inhalative	Short term (acut)	local	2420 mg/m ³
	inhalative	Short term (acut)	systemic	1210 mg/m ³
4	xylene			1330-20-7 215-535-7
	dermal	Long term (chronic)	systemic	212 mg/kg/day
	inhalative	Short term (acut)	systemic	442 mg/m ³
	inhalative	Long term (chronic)	systemic	221 mg/m ³
	inhalative	Long term (chronic)	local	221 mg/m ³
	inhalative	Short term (acut)	local	442 mg/m ³
5	1-methoxy-2-propanol			107-98-2 203-539-1
	dermal	Long term (chronic)	systemic	183 mg/kg/day
	inhalative	Long term (chronic)	systemic	369 mg/m ³
	inhalative	Short term (acut)	local	553,5 mg/m ³
6	ethylbenzene			100-41-4 202-849-4
	dermal	Long term (chronic)	systemic	180 mg/kg/day
	inhalative	Long term (chronic)	systemic	77 mg/m ³
	inhalative	Short term (acut)	local	293 mg/m ³
7	toluene			108-88-3 203-625-9
	dermal	Long term (chronic)	systemic	384,00 mg/kg/day
	inhalative	Long term (chronic)	systemic	192,00 mg/m ³
	inhalative	Short term (acut)	systemic	384,00 mg/m ³
	inhalative	Long term (chronic)	local	192,00 mg/m ³
	inhalative	Short term (acut)	local	384,00 mg/m ³

DNEL value (consumer)

No	Substance name	Route of exposure	Exposure time	Effect	CAS / EC no
					Value
1	n-butyl acetate				123-86-4 204-658-1
	oral	Long term (chronic)	systemic		2 mg/kg/day
	oral	Short term (acut)	systemic		2 mg/kg/day
	dermal	Long term (chronic)	systemic		6 mg/kg/day
	dermal	Short term (acut)	systemic		6 mg/kg/day
	inhalative	Long term (chronic)	systemic		35,7 mg/m ³
	inhalative	Short term (acut)	systemic		300 mg/m ³
	inhalative	Long term (chronic)	local		35,7 mg/m ³
	inhalative	Short term (acut)	local		300 mg/m ³
2	propan-2-ol				67-63-0 200-661-7
	oral	Long term (chronic)	systemic		26 mg/kg/day

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	dermal	Long term (chronic)	systemic	319	mg/kg/day
	inhalative	Long term (chronic)	systemic	89	mg/m ³
3	acetone			67-64-1 200-662-2	
	oral	Long term (chronic)	systemic	62	mg/kg/day
	dermal	Long term (chronic)	systemic	62	mg/kg/day
	inhalative	Long term (chronic)	systemic	200	mg/m ³
4	xylene			1330-20-7 215-535-7	
	oral	Long term (chronic)	systemic	12,5	mg/kg/day
	dermal	Long term (chronic)	systemic	125	mg/kg/day
	inhalative	Short term (acut)	systemic	260	mg/m ³
	inhalative	Long term (chronic)	systemic	65,3	mg/m ³
	inhalative	Long term (chronic)	local	65,3	mg/m ³
	inhalative	Short term (acut)	local	260	mg/m ³
5	1-methoxy-2-propanol			107-98-2 203-539-1	
	oral	Long term (chronic)	systemic	33	mg/kg/day
	dermal	Long term (chronic)	systemic	78	mg/kg/day
	inhalative	Long term (chronic)	systemic	43,9	mg/m ³
6	ethylbenzene			100-41-4 202-849-4	
	oral	Long term (chronic)	local	1,6	mg/kg/day
	inhalative	Long term (chronic)	systemic	15	mg/m ³
7	toluene			108-88-3 203-625-9	
	oral	Long term (chronic)	systemic	8,13	mg/kg/day
	dermal	Long term (chronic)	systemic	226,00	mg/kg/day
	inhalative	Long term (chronic)	systemic	56,50	mg/m ³
	inhalative	Short term (acut)	systemic	226,00	mg/m ³
	inhalative	Long term (chronic)	local	56,50	mg/m ³
	inhalative	Short term (acut)	local	226,00	mg/m ³

PNEC values

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	n-butyl acetate		123-86-4 204-658-1
	water	fresh water	0,18 mg/L
	water	marine water	0,018 mg/L
	water	Aqua intermittent	0,36 mg/L
	water	fresh water sediment	0,981 mg/kg dry weight
	water	marine water sediment	0,0981 mg/kg dry weight
	soil	-	0,0903 mg/kg
	sewage treatment plant	-	35,6 mg/L
2	propan-2-ol		67-63-0 200-661-7
	water	fresh water	140,9 mg/L
	water	Aqua intermittent	140,9 mg/L
	water	marine water	140,9 mg/L
	water	fresh water sediment	552 mg/L
	water	marine water sediment	552 mg/L
	soil	-	28 mg/kg
	sewage treatment plant	-	2251 mg/L
	secondary poisoning	-	160 mg/kg
	with reference to: food		

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3	acetone		67-64-1 200-662-2
	water	fresh water	10,6 mg/L
	water	Aqua intermittent	21 mg/L
	water	marine water	1,06 mg/L
	water	fresh water sediment	30,4 mg/kg
	water	marine water sediment	3,04 mg/kg
	soil	-	29,5 mg/kg
	sewage treatment plant	-	100 mg/L
4	xylene		1330-20-7 215-535-7
	water	fresh water	0,327 mg/L
	water	marine water	0,327 mg/L
	water	fresh water sediment	12,46 mg/kg
	water	marine water sediment	12,46 mg/kg
	soil	-	2,31 mg/kg
	sewage treatment plant	-	6,58 mg/L
5	1-methoxy-2-propanol		107-98-2 203-539-1
	water	fresh water	10 mg/L
	water	marine water	1 mg/L
	water	Aqua intermittent	100 mg/L
	water	fresh water sediment	52,3 mg/kg
	with reference to: dry weight		
	water	marine water sediment	5,2 mg/kg
	with reference to: dry weight		
	soil	-	4,59 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	100 mg/L
6	ethylbenzene		100-41-4 202-849-4
	water	fresh water	0,1 mg/L
	water	marine water	0,01 mg/L
	water	Aqua intermittent	0,1 mg/L
	water	fresh water sediment	13,7 mg/kg dry weight
	water	marine water sediment	1,37 mg/kg dry weight
	soil	-	2,68 mg/kg dry weight
	sewage treatment plant	-	9,6 mg/L
	secondary poisoning	Bird	0,02 mg/kg food
7	toluene		108-88-3 203-625-9
	water	fresh water	0,68 mg/L
	water	marine water	0,68 mg/L
	water	Aqua intermittent	0,68 mg/L
	water	fresh water sediment	16,39 mg/kg
	with reference to: dry weight		
	water	marine water sediment	16,39 mg/kg
	with reference to: dry weight		
	soil	-	2,89 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	13,61 mg/L

8.2 Exposure controls

Appropriate engineering controls

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Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Filter A2P2 (DIN EN 14387)

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber

Material thickness >= 0.4 mm

Other

Protective work clothing. (EN 14605)

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

State of aggregation			
liquid			
Form/Colour			
colourless			
Odour			
solvent-like			
pH value			
No data available			
Boiling point / boiling range			
Value	55,8	- 200	°C
Source	supplier		
Melting point/freezing point			
No data available			
Decomposition temperature			
No data available			
Flash point			
Value	-2	°C	
Source	supplier		
Ignition temperature			
No data available			
Explosive properties			
This product is not explosive. In and after use danger of production of inflammable compounds.			
Flammability			

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No data available			
Lower explosion limit			
No data available			
Upper explosion limit			
No data available			
Vapour pressure			
No data available			
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value	0,9	g/cm³	
Reference temperature	20	°C	
Source	supplier		
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
log Pow		2,3	
Reference temperature		25	°C
Method	OECD 117		
Source	ECHA		
2	propan-2-ol	67-63-0	200-661-7
log Pow		0,05	
Reference temperature		25	°C
Source	ECHA		
3	acetone	67-64-1	200-662-2
log Pow		-0,23	
Method	QSAR		
Source	ECHA		
4	xylene	1330-20-7	215-535-7
log Pow		3,12	
Reference temperature		20	°C
Source	ECHA		
5	ethylbenzene	100-41-4	202-849-4
log Pow		3,6	
Method	EU Method A.8		
Source	ECHA		
6	toluene	108-88-3	203-625-9
log Pow		2,73	
Reference temperature		20	°C
Source	ECHA		
Viscosity			
Value	31	- 37	s
Type	kinematic		
Method	DIN 53211 (4 mm)		
Source	supplier		
Solvent content			
Value	57,9	%	
Particle characteristics			

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No data available

9.2 Other information**Other information**

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
LD50		10760	mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		
2	propan-2-ol	67-63-0	200-661-7
LD50		5840	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	acetone	67-64-1	200-662-2
LD50		5800	mg/kg bodyweight
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
4	xylene	1330-20-7	215-535-7
LD50		3523	mg/kg bodyweight
Species	rat		
Method	EU Method B.1		
Source	ECHA		
5	1-methoxy-2-propanol	107-98-2	203-539-1
LD50		4016	mg/kg bodyweight
Species	rat		
Method	EC 440/2008, B.1		
Source	ECHA		
6	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
LD50	>	5000	mg/kg bodyweight

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Species	rat		
Method	OECD 401		
Source	ECHA		
7	ethylbenzene	100-41-4	202-849-4
LD50	appr. 3500 mg/kg bodyweight		
Species	rat		
Source	ECHA		
8	toluene	108-88-3	203-625-9
LD50	5580 mg/kg bodyweight		
Species	rat		
Method	OECD 423		
Source	ECHA		

Acute dermal toxicity (result of the ATE calculation for the mixture)**No** **Product Name****1** **BAODECKLACK 130 & BAO-COLORFIX 220**

Comments

The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg).

Acute dermal toxicity

No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
LD50	>	14112	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
2	acetone	67-64-1	200-662-2
LD50	>	15800	mg/kg bodyweight
Species	rabbit		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	1-methoxy-2-propanol	107-98-2	203-539-1
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	440/2008/EC B.3.		
Source	ECHA		
4	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
5	ethylbenzene	100-41-4	202-849-4
LD50	appr.	3500	mg/kg bodyweight
Species	rat		
Source	ECHA		
6	toluene	108-88-3	203-625-9
LD50	>	5000	mg/kg bodyweight
Species	rabbit		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)**No** **Product Name****1** **BAODECKLACK 130 & BAO-COLORFIX 220**

Comments

The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the

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	respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists).
--	--

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
LC50	>	10000	ppmV
Duration of exposure		6	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	acetone	67-64-1	200-662-2
LC50		76	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
LC50	>	5,61	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
4	ethylbenzene	100-41-4	202-849-4
LC50		17,8	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		
5	toluene	108-88-3	203-625-9
LC50	>	20	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
2	propan-2-ol	67-63-0	200-661-7
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	acetone	67-64-1	200-662-2
Species	guinea pig		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
4	1-methoxy-2-propanol	107-98-2	203-539-1

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Species	rabbit		
Method	EC 440/2008, B.4		
Source	ECHA		
Evaluation	non-irritant		
5	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
6	toluene	108-88-3	203-625-9
Duration of exposure	4h		
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		

Serious eye damage/irritation

No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
2	propan-2-ol	67-63-0	200-661-7
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
3	acetone	67-64-1	200-662-2
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
4	1-methoxy-2-propanol	107-98-2	203-539-1
Species	rabbit		
Method	2004/73/EEC, B.5		
Source	ECHA		
Evaluation	non-irritant		
5	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		

Respiratory or skin sensitisation

No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	acetone	67-64-1	200-662-2
Route of exposure	Skin		
Species	guinea pig		
Source	ECHA		

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Evaluation	non-sensitizing
Evaluation/classification	Based on available data, the classification criteria are not met.
3 1-methoxy-2-propanol	107-98-2 203-539-1
Route of exposure	Skin
Species	guinea pig
Method	440/2008/EC B.6
Source	ECHA
Evaluation	non-sensitizing
4 Naphtha (petroleum), hydrotreated light	64742-49-0 265-151-9
Route of exposure	Skin
Species	guinea pig
Method	OECD 406
Source	ECHA
Evaluation	non-sensitizing

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	propan-2-ol	67-63-0	200-661-7
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
3	acetone	67-64-1	200-662-2
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typhimurium		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	In vitro Mammalian Chromosomal Aberration Test		
Species	Chinese hamster Ovary (CHO)		
Method	OECD 473		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in mammalian cells		
Species	Mouse lymphoma cells		
Method	OECD 476		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
4	xylene	1330-20-7	215-535-7
Species	Chinese hamster Ovary (CHO)		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
5	toluene	108-88-3	203-625-9
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	acetone	67-64-1	200-662-2
Route of exposure	inhalational		
NOAEC	2200 ppm		
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		
Method	OECD 414		
Source	ECHA		

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Evaluation/classification		Based on available data, the classification criteria are not met.	
Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Route of exposure		dermal	
Type of examination		Toxicity study	
Species		mouse	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	xylene	1330-20-7	215-535-7
Species		mouse	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
STOT - single exposure			
No data available			
STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Route of exposure		inhalational	
NOAEC		500	ppm
Duration of exposure		90	day(s)
Species		rat	
Method		EPA OTS 798.2450	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	propan-2-ol	67-63-0	200-661-7
Route of exposure		inhalational	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
3	acetone	67-64-1	200-662-2
Route of exposure		oral	
NOAEL		10000	ppm
Species		rat	
Method		OECD 408	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
NOAEC		19000	ppm
Species		rat	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
4	ethylbenzene	100-41-4	202-849-4
Target organ		hearing organs	
Source		ECHA	
5	toluene	108-88-3	203-625-9
Route of exposure		inhalational	
Target organ		central nervous system	
Evaluation/classification		Based on available data, the classification criteria are met.	
Aspiration hazard			
No data available			

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

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No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
LC50		18	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	propan-2-ol	67-63-0	200-661-7
LC50		9640	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		
3	acetone	67-64-1	200-662-2
LC50		5540	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
4	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
LL50		10	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
5	ethylbenzene	100-41-4	202-849-4
LC50		4,2	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		
6	toluene	108-88-3	203-625-9
LC50		5,5	mg/l
Duration of exposure		96	h
Species	Oncorhynchus kisutch		
Source	ECHA		

Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
NOEC		2,6	mg/l
Duration of exposure		14	day(s)
Species	Pimephales promelas		
Method	OECD 204		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
EC50		44	mg/l
Duration of exposure		48	h
Species	Daphnia magna		

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Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
2 propan-2-ol	67-63-0 200-661-7
EC50	> 10000 mg/l
Duration of exposure	24 h
Species	Daphnia magna
Method	OECD 202
Source	ECHA
3 acetone	67-64-1 200-662-2
EC50	8800 mg/l
Duration of exposure	48 h
Species	Daphnia pulex
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
4 Naphtha (petroleum), hydrotreated light	64742-49-0 265-151-9
EL50	4,5 mg/l
Duration of exposure	48 h
Species	Daphnia magna
Method	OECD 202
Source	ECHA
5 ethylbenzene	100-41-4 202-849-4
EC50	1,8 - 2,4 mg/l
Duration of exposure	48 h
Species	Daphnia magna
Source	ECHA
6 toluene	108-88-3 203-625-9
EC50	3,78 mg/l
Duration of exposure	48 h
Species	Ceriodaphnia dubia
Source	ECHA

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
NOEC		23	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
with reference to	CAS 110-19-0		
Method	OECD 211		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	ethylbenzene	100-41-4	202-849-4
NOELR		0,96	mg/l
Duration of exposure		7	day(s)
Species	Ceriodaphnia dubia		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
EL50		3,1	mg/l
Duration of exposure		96	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
2	ethylbenzene	100-41-4	202-849-4
EC50		3,6	mg/l
Duration of exposure		96	h
Species	Pseudokirchneriella subcapitata		

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Source		ECHA	
Toxicity to algae (chronic)			
No data available			
Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
IC50		356	mg/l
Duration of exposure		40	h
Species	Tetrahymena pyriformis (Protozoa)		
Source	ECHA		
2	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
EC50		15,41	
Duration of exposure		40	h
Species	Tetrahymena pyriformis (Protozoa)		
Method	QSAR		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Type	aerobic biodegradation		
Value		83	%
Duration		28	day(s)
Method	OECD 301 D		
Source	ECHA		
Evaluation	readily biodegradable		
2	propan-2-ol	67-63-0	200-661-7
Type	BOD/COD		
Value		53	%
Duration		5	day(s)
Source	ECHA		
Evaluation	readily biodegradable		
3	acetone	67-64-1	200-662-2
Type	aerobic biodegradation		
Value		90,9	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
4	1-methoxy-2-propanol	107-98-2	203-539-1
Type	aerobic biodegradation		
Value		96	%
Duration		28	day(s)
Method	OECD 301 E		
Source	ECHA		
Evaluation	readily biodegradable		
5	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
Type	aerobic biodegradation		
Value		77,05	%
Duration		28	day(s)
Method	OECD 301 E		
Source	ECHA		
Evaluation	readily biodegradable		
6	toluene	108-88-3	203-625-9
Type	aerobic biodegradation		
Method	OECD 301 C		

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Source Evaluation	ECHA readily biodegradable		
Abiotic Degradation			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
Type		Photolysis	
Half-life		3,3	day(s)
Reference temperature		25	°C
Source		ECHA	

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
BCF		15,3	
Method	Calculation model used (Q)SAR		
Source	ECHA		
2	Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9
BCF		10	- 2500
Source	ECHA		
3	ethylbenzene	100-41-4	202-849-4
BCF		1	
Species	Oncorhynchus mykiss		
Source	ECHA		

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
log Pow		2,3	
Reference temperature		25	°C
Method	OECD 117		
Source	ECHA		
2	propan-2-ol	67-63-0	200-661-7
log Pow		0,05	
Reference temperature		25	°C
Source	ECHA		
3	acetone	67-64-1	200-662-2
log Pow		-0,23	
Method	QSAR		
Source	ECHA		
4	xylene	1330-20-7	215-535-7
log Pow		3,12	
Reference temperature		20	°C
Source	ECHA		
5	ethylbenzene	100-41-4	202-849-4
log Pow		3,6	
Method	EU Method A.8		
Source	ECHA		
6	toluene	108-88-3	203-625-9
log Pow		2,73	
Reference temperature		20	°C
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

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PBT assessment	No data available.
vPvB assessment	No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1263
Proper shipping name	PAINT
Special Provision 640	640C
Tunnel restriction code	D/E
Label	3

14.2 Transport IMDG

Class	3
Packing group	II
UN number	UN1263
Proper shipping name	PAINT
EmS	F-E, S-E
Label	3

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	II
UN number	UN1263
Proper shipping name	Paint
Label	3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

Trade name: BAODECKLACK 130 & BAO-COLORFIX 220**Current version :** 1.0.0, issued: 27.07.2021**Replaced version:** -, issued: -**Region:** IE

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3, 40
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The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	toluene	108-88-3	203-625-9	48

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:	P5b
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Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)

VOC content	720,0 g/l
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Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure



Trade name: BAODECKLACK 130 & BAO-COLORFIX 220

Current version : 1.0.0, issued: 27.07.2021

Replaced version: -, issued: -

Region: IE

H411 Toxic to aquatic life with long lasting effects.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

C Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

P The harmonised classification as a carcinogen applies unless the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen, in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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