

Trade name:	<b>BIOCLEAR NEW</b>		
Product code:	BCN-X**	Date of compilation:	14 November 2022
		Version:	7


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

1.1.	Product identifier	
	Trade name:	BIOCLEAR NEW
	Chemical name:	-
	Catalogue number:	BCN-X**
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Uses:	Xylene substitute used as clearing agent.
	Uses advised against:	Only the identified uses are advised.
	Reason why uses advised against:	The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes.
1.3.	Details of the supplier of the safety data sheet	
	Supplier:	BioGnost Ltd.
	Address:	Medjugorska 59, Zagreb
	Telephone number:	+385 1 2409997
	Telefax:	+385 1 2404039
	e-mail of competent person:	<a href="mailto:msds@biognost.hr">msds@biognost.hr</a>
	National contact:	-
1.4.	Emergency telephone numbers	
	National Protection and Rescue Directorate:	112
	Medical information:	+385 1 2348 342
	Other information:	-

### SECTION 2. Hazards identification

2.1.	Classification of the substance or mixture	
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)	
	Hazard class and category code:	Warning statements*:
	Aspir. Tox. 1	H304
2.1.2.	Additional information	
	EUH066	
* For full text of Hazard- and EU Hazard-statements: see SECTION 16		
2.2.	Label elements	
	Product identification:	BIOCLEAR NEW
	Identification number:	-
	Authorisation number:	-

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Hazard pictograms:	
	GHS08
Signal word:	Danger
Hazard statement:	H304 May be fatal if swallowed and enters airways. EUH066 Repeated exposure may cause skin dryness or cracking.
Precautionary statements:	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents and container in accordance with local regulations.
Supplemental hazard information (EU):	-

**2.3. Other hazards**
**Physical / Chemical Hazards:**

Material can accumulate static charges which may cause an ignition. Material can release vapours that readily form flammable mixtures. Vapour accumulation could flash and/or explode if ignited. Combustible.

**Health Hazards:**

Repeated exposure may cause skin dryness or cracking. May be irritating to the eyes, nose, throat, and lungs.

**Environmental Hazards:**

No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

**Endocrine Disrupting Properties:**

No known endocrine disrupting properties.

**SECTION 3. Composition/information on ingredients**

CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
- 920-901-0 -	01-2119456810-40	100%	Hydrocarbons, C11- C13, isoalkanes, <2% aromatics	Aspir. tox. 1; H304 EUH066

**SECTION 4. First aid measures**
**4.1. Description of first aid measures**

General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.
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Following inhalation:	Immediately remove from further exposure. Get immediate medical assistance. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Give supplemental oxygen, if available. If breathing has stopped, assist ventilation with a mechanical device.
Following skin contact:	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Following eye contact:	Flush thoroughly with water. If irritation occurs, get medical assistance.
Following ingestion:	DO NOT induce vomiting. Seek immediate medical attention.
Self-protection of the first aider	-

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

Following inhalation:	No important symptoms or effects.
Following skin contact:	No important symptoms or effects.
Following eye contact:	No important symptoms or effects.
Following ingestion:	No important symptoms or effects.

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

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
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**SECTION 5. Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media:	Use water fog, foam, dry chemical or carbon dioxide (CO <sub>2</sub> ) to extinguish flames.
Unsuitable extinguishing media:	Straight streams of water

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

Hazardous by products of fire:	Smoke, fume, incomplete combustion products, carbon oxides.
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**5.3. Advice for firefighters**

Evacuate the area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.
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**5.4. Additional information**

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**SECTION 6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

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6.1.1.	For non-emergency personnel	
	Protective equipment:	See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.
	Accident prevention methods:	Avoid contact with spilled material. Warn or evacuate occupants in surrounding and downwind areas if required, due to toxicity or flammability of the material. See Section 5 for fire fighting information.
	Emergency procedures:	See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice.
6.1.2.	For emergency responders:	
	Respiratory protection: half-face or full-face respirator with filter(s) for organic vapor and, when applicable, H <sub>2</sub> S, or self contained breathing apparatus (SCBA) can be used depending on the size of spill and potential level of exposure. If the exposure cannot be completely characterized or an oxygen deficient atmosphere is possible or anticipated, SCBA is recommended. Work gloves that are resistant to aromatic hydrocarbons are recommended. Note: gloves made of polyvinyl acetate (PVA) are not water-resistant and are not suitable for emergency use. Chemical goggles are recommended if splashes or contact with eyes is possible. Small spills: normal antistatic work clothes are usually adequate. Large spills: full body suit of chemical resistant, antistatic material is recommended.	
6.2.	Environmental precautions:	
	Large Spills: Dyke far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.	
6.3.	Methods and materials for containment and cleaning up	
6.3.1.	Bunding, covering of drains; capping procedures:	Land Spill: Stop leak if you can do so without risk. Water Spill: Stop leak if you can do so without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.
6.3.2.	Cleaning up:	Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Recover by pumping or with suitable absorbent.
6.3.3.	Other information:	Secure proper ventilation. Contact the responsible person; in case of larger spills and possible environmental pollution contact National Protection and Rescue (112).
6.4.	Reference to other sections	
	See Section 7 for information about secure handling. See Section 8 for information about personal protective equipment. See Section 13 for information about containment.	

**SECTION 7. Handling and storage**

7.1. Precautions for safe handling

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<b>7.1.1. Protection measures</b>	
Measures to prevent fire:	Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source).
Measures to prevent aerosol and dust generation:	Secure proper ventilation.
Measures to protect the environment:	When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or earthing procedures.
Other measures:	This material is a static accumulator. A liquid is typically considered a nonconductive, static accumulator if its conductivity is below 100 pS/m (100x10E-12 Siemens per meter) and is considered a semiconductive, static accumulator if its conductivity is below 10,000 pS/m. Whether a liquid is nonconductive or semiconductive, the precautions are the same. A number of factors, for example liquid temperature, presence of contaminants, anti-static additives and filtration can greatly influence the conductivity of a liquid.
<b>7.1.2. Advice on general occupational hygiene:</b>	
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.	
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	
Technical measures and storage conditions:	Keep in a cool and well-ventilated area.
Packaging materials:	Teflon, polypropylene, stainless steel, carbon steel.
Requirements for storage rooms and vessels:	The type of container used to store the material may affect static accumulation and dissipation. Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release.
Advices for storage equipment:	Storage containers should be earthed and bonded. Fixed storage containers, transfer containers and associated equipment should be earthed and bonded to prevent accumulation of static charge.
Further information on storage conditions:	Suitable materials and coating are carbon steel, stainless steel, teflon, polyethylene, polypropylene. Unsuitable materials and coatings: butyl rubber, natural rubber, ethylene-propylene-diene monomer (EPDM), polystyrene

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7.3.	Specific end use(s)	
	Recommendations:	Section 1 informs about identified end-uses.
	Industrial sector specific solutions:	-

**SECTION 8. Exposure controls/personal protection**

8.1.	Control parameters			
Substance	CAS No	Occupational exposure limit values/short term values		Biological limit values
		ppm	mg/m <sup>3</sup>	
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	-	171*	1200*	No information available

\* Source - material safety data sheet provided by the raw materials supplier

Substance:	-
EC No:	-
CAS No:	-

**DNEL**

Industrial				
Route of exposure:	Route of exposure:	Route of exposure:	Route of exposure:	Route of exposure:
Oral	-	-	-	-
Inhalation	-	-	-	-
Dermal	-	-	-	-

Critical physical parameters: solubility, flammability, corrosivity: -

**Consumer**

Route of exposure:	Route of exposure:	Route of exposure:	Route of exposure:	Route of exposure:
Oral	-	-	-	-
Inhalation	-	-	-	-
Dermal	-	-	-	-

**PNEC**

Environmental protection target	PNEC
Fresh water	No information available
Freshwater sediments	No information available
Marine water	No information available
Marine sediments	No information available
Food chain	No information available

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Microorganisms in sewage treatment	No information available
Soil (agricultural)	No information available
Air	No information available

<b>8.2.</b>	<b>Exposure controls</b>
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<b>8.2.1.</b>	<b>Appropriate engineering controls</b>
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	Substance/mixture related measures to prevent exposure during identified uses:	Do not eat, drink or smoke in the workspace. Use personal protective equipment. Wash hands after handling the product and before eating and/or drinking.
	Structural measures to prevent exposure:	Adequate ventilation should be provided so that exposure limits are not exceeded. Use explosion-proff ventilation equipment.
	Organisational measures to prevent exposure:	Organization of work in order to reduce other worker's influence during work process.
	Technical measures to prevent exposure:	See Section 7.2

<b>8.2.2.</b>	<b>Personal protection equipment:</b>
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8.2.2.1.	Eye and face protection:	If contact is likely, safety glasses with side shields are recommended.
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8.2.2.2.	Skin protection	
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	Hand protection:	If prolonged or repeated contact is likely, chemical-resistant gloves are recommended. If contact with forearms is likely, wear gauntlet-style gloves. Nitrile, minimum 0.38 mm thickness or comparable protective barrier material with a high performance level for continuous contact use conditions, permeation breakthrough minimum 480 minutes in accordance with CEN standards EN 420 and EN 374.
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	Other skin protection:	If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.
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8.2.2.3.	Respiratory protection:	<p>If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:</p> <p>Half-face filter respirator Type A filter material, European Committee for Standardization (CEN) standards EN 136, 140 and 405 provide respirator masks and EN 149 and 143 provide filter recommendations.</p> <p>For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.</p>
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8.2.2.4.	Thermal hazards:	No information available.
8.2.3.	Environmental exposure controls	
	Substance/mixture related measures to prevent exposure:	Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.
	Structural measures to prevent exposure:	Use modern equipment.
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.
	Technical measures to prevent exposure:	See Section 6

### SECTION 9. Physical and chemical properties

9.1.	Information on basic physical and chemical properties		
		Value	Method
	Physical state:	liquid	No information available
	Colour:	colourless	No information available
	Odour/odour threshold:	faint/no information available	No information available
	Melting point / freezing point:	No information available	No information available
	Boiling point or initial boiling point and boiling range:	188°C - 210 °C	ASTM D86
	Flammability:	Not technically feasible	No information available
	Lower and upper explosion limit:	lower: 0.6 upper: 6.0	Extrapolated
	Flash point:	68 °C	ASTM D-93
	Auto-ignition temperature:	222 °C	ASTM E659
	Decomposition temperature:	No information available	No information available
	pH:	Not technically feasible	No information available
	Kinematic viscosity:	1.3 cSt (1.3 mm <sup>2</sup> /sec) at 40 °C 1.74 cSt (1.74 mm <sup>2</sup> /sec) at 20 °C	Calculated
	Solubility:	Negligible	No information available
	Partition coefficient n-octanol/water (log value):	> 4	Estimated
	Vapour pressure:	0.04 kPa (0.3 mm Hg) at 20 °C	No information available
	Density and/or relative density	0.76 (at 15 °C) with respect to water	Calculated
	Relative vapour density:	5.7 at 101 kPa (Air=1)	Calculated
	Particle characteristics:	Median particle size	Not applicable



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9.2.	Other information		
Evaporation rate:	0,04 (n-butyl acetate = 1)	Calculated	
Explosive properties:	None	No information available	
Oxidising properties:	None	No information available	
Density (at 15 °C):	760 kg/m <sup>3</sup>	ISO 12185	
Pour Point:	< -114 °C	ASTM D5950	
Molecular Weight:	165 g/mol	Calculated	
Hygroscopic:	No	No information available	
Coefficient of Thermal Expansion:	0.00098 per Deg C	Calculated	

### SECTION 10.: Stability and reactivity

10.1.	Reactivity:	See sub-section below.
10.2.	Chemical stability:	The product is stable under normal conditions.
10.3.	Possibility of hazardous reactions:	Hazardous polymerization will not occur.
10.4.	Conditions to avoid:	Open flames and high energy ignition sources.
10.5.	Incompatible materials:	Strong oxidisers.
10.6.	Hazardous decomposition products:	Material does not decompose at ambient temperatures.

### SECTION 11. Toxicological information

11.1.	Information on hazard classes as defined in Regulation (EC) No 1272/2008				
	Acute toxicity:				
Route of exposure:	Method	Species	Effective Dose LD <sub>50</sub> /LC <sub>50</sub> or ATE <sub>mixture</sub>	Exposure time	Results
Oral:	No information available	rat	LD <sub>50</sub> > 5000 mg/kg	-	Minimally toxic.
Dermal:	No information available	rabbit	LD <sub>50</sub> > 5000 mg/kg	-	Minimally toxic.
Inhalation:	No information available	rat	LC <sub>50</sub> > 5000 mg/ m <sup>3</sup>	8 h	Minimally toxic.
	Specific target organ toxicity - single exposure (STOT-SE):				
	Specific effects		Target organ		Note
Oral:	No information available		No information available		-
Dermal:	No information available		No information available		-
Inhalation:	No information available		No information available		-

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Aspiration hazard:	<p>May be fatal if swallowed and enters airways relates to potential for aspiration, a non-quantifiable hazard determined by physico-chemical properties (i.e. viscosity) that can occur during ingestion and also if it is vomited following ingestion. A DNEL cannot be derived. Risks from the physicochemical hazards of substances can be controlled by implementing risk management measures. For substances classified as H304, the following measures need to be implemented to control the aspiration hazard. Do not ingest. If swallowed then seek immediate medical attention. Do NOT induce vomiting.</p>
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<b>Irritation and corrosion</b>						
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	Exposure time	Species	Evaluation	Method	Note
Skin corrosion/irritation	No information available	-	Not irritating.	-	-
Serious eye damage/irritation	No information available	-	Not irritating.	-	-

<b>Sensitization</b>						
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Skin sensitization:	Not expected to be a skin sensitizer.					
Respiratory sensitization:	Not expected to be a respiratory sensitizer.					

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>						
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Oral exposure:	May be fatal if swallowed and enters airways.					
Dermal exposure:	May dry the skin leading to discomfort and dermatitis.					
Inhalation exposure:	Negligible hazard at ambient/normal handling temperatures.					
Eye exposure:	May cause mild, short-lasting discomfort to eyes.					

<b>Repeated dose toxicity (subacute, subchronic, chronic)</b>						
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	Dose	Exposure time	Species	Method	Evaluation	Note
Subacute oral	No information available	No information available	No information available	No information available	No information available	-
Subacute dermal	No information available	No information available	No information available	No information available	No information available	-

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Subacute inhalation	No information available	No information available	No information available	No information available	No information available	-
Subchronic oral	No information available	No information available	No information available	No information available	No information available	-
Subchronic dermal	No information available	No information available	No information available	No information available	No information available	-
Subchronic inhalation	No information available	No information available	No information available	No information available	No information available	-
Chronic oral	No information available	No information available	No information available	No information available	No information available	-
Chronic dermal	No information available	No information available	No information available	No information available	No information available	-
Chronic inhalation	No information available	No information available	No information available	No information available	No information available	-

Specific target organ toxicity - repeated exposure (STOT-RE):

	Specific effects	Target organ	Note
Subacute oral	No information available	No information available	-
Subacute dermal	No information available	No information available	-
Subacute inhalation	No information available	No information available	-
Subchronic oral	No information available	No information available	-
Subchronic dermal	No information available	No information available	-
Subchronic inhalation	No information available	No information available	-
Chronic oral	No information available	No information available	-
Chronic dermal	No information available	No information available	-

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Chronic inhalation	No information available	No information available	-
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CMR effects (carcinogenicity; mutagenicity; reproductive toxicity)	
Carcinogenicity:	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453.
Mutagenicity <i>in-vitro</i> :	No information available
Genotoxicity:	No information available
Mutagenicity <i>in-vivo</i> :	No information available
Germ cell mutagenicity:	Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 471 473 474 476 478 479.
Reproductive toxicity:	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 413 414 415.
Summary of evaluation of the CMR properties:	No information available

11.2.	Information on other hazards:
11.2.1.	Endocrine disrupting properties:
	No known endocrine disrupting properties that affect human health.
11.2.2.	Other information:
	Vapour concentration above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic may have other central nervous system effects. Prolonged and/or repeated skin contact with low viscosity materials may defat skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

**SECTION 12. Ecological information**

12.1.	Toxicity					
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish:	LC <sub>50</sub>	96 hours	Oncorhynchus mykiss	No information available	-	1000 mg/l
Crustacea:	EC <sub>50</sub>	48 hours	Daphnia magna	No information available	-	1000 mg/l

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Algae/aquatic plants:	IC <sub>50</sub>	72 hours	Pseudokirchneriella subcapitata	No information available	-	1000 mg/l
Other organisms:	-	-	-	-	-	-
<b>Chronic (long-term) toxicity</b>	<b>Dose</b>	<b>Exposure time</b>	<b>Species</b>	<b>Method</b>	<b>Evaluation</b>	<b>Note</b>
Fish:	LC <sub>50</sub>	96 hours	No information available	No information available	-	-
Crustacea:	EC <sub>50</sub>	48 hours	No information available	No information available	-	-
Algae/aquatic plants:	IC <sub>50</sub>	72 hours	No information available	No information available	-	-
Other organisms:	-	21 day(s)	Daphnia magna	-	-	NOELR 1 mg/l

**12.2. Persistence and degradability**

**Abiotic degradation**

	Degradation half-lives	Method	Evaluation	Note
Marine water	No information available	No information available	No information available	-
Fresh water	No information available	No information available	No information available	-
Air	No information available	No information available	No information available	-
Soil	No information available	No information available	No information available	-

**Biodegradation**

% Degradation	Time (days)	Method	Evaluation	Note
Percent Degraded 31.3 : similar material	28 day (s)	Ready Biodegradability (water)	No information available	Expected to be inherently biodegradable

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**12.3. Bioaccumulative potential**

Octanol-water partition coefficient (log Kow)						
Value	Concentration	pH	°C	Method	Evaluation	Note
> 4	No information available	-	-	Estimated	No information available	No information available

**Bioconcentration Factor (BCF)**

Value	Species	Method	Evaluation	Note
No information available	No information available	No information available	No information available	No information available

**Chronic ecotoxicity**

Value	Dose	Exposure time	Species	Method	Evaluation	Note
Chronic toxicity on fish	LC <sub>50</sub>	No information available	No information available	No information available	No information available	Not expected.
Chronic toxicity on crustacea (Daphnia)	EC <sub>50</sub>	No information available	No information available	No information available	No information available	Not expected.

**12.4. Mobility in soil**

Known or predicted distribution in environmental compartments:

Surface tension:

Value	°C	Concentration	Method	Note
No information available	No information available	No information available	No information available	Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

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Adsorption / desorption						
Transport	A/D coefficient Henry's constant	log Kow		Evaporation rate	Method	Note
Soil-Water	No information available	No available	information	No information available	No information available	-
Water-Air	No information available	No available	information	No information available	No information available	-
Soil-Air	No information available	No available	information	No information available	No information available	-

**12.5. Results of PBT and vPvB assessment**

Material does not meet the Reach Annex XIII criteria for PBT or vPvB.

**12.6. Endocrine disrupting properties**

No known endocrine disrupting properties that affect the environment.

**12.7. Other adverse effects**

No adverse effects are expected.

**SECTION 13. Disposal considerations**

**13.1. Waste treatment methods**

**13.1.1. Product/Packaging disposal:**

Submit for disposal to the legal person authorized by the Ministry of Environmental and Nature Protection. Do not dispose of the product's remains into the sewage system. Submit the remains to the collectors authorized by the ministry in charge. Do not dispose of the packaging into the sewage system.

**13.1.2. Waste codes/waste designations according to Law:**

The European Waste Catalogue (EWC) code is specific to the waste generating process and waste constituents. Determine the EWC according to the criteria provided in the European Waste Catalogue and the hazardous waste list established by Commission Decision 2000/532/EC, as amended.

**13.1.3. Waste treatment – relevant information:**

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.



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<b>13.1.4. Sewage disposal – relevant information:</b>	
	Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.
<b>13.1.5. Other disposal recommendations:</b>	
	Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. <b>DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.</b>
<b>13.1.6. Relevant Community provisions:</b>	
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<b>SECTION 14. Transport information</b>	
Transporting/shipment by road (ADR)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by rail (RID)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by inland waterways (ADN)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-

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Special precautions for user:	-
Transporting/shipment by sea (IMDG)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (ICAO-TI/IATA-DGR)	
UN number:	Not subject to transport regulations.
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Further information:	-

<b>SECTION 15. Regulatory information</b>	
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture
	EU regulations
	Authorisations and/or restrictions on use
	Authorisations: -
	Restrictions: -

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Other EU regulations:	<p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC;</p> <p>Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC;</p> <p>Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work;</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006;</p> <p>REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);</p>
Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)	
National legislation:	<p>Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act</p>
15.2.	Chemical safety assessment
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<b>SECTION 16. Other information</b>	
16.1.	<p>Indication of changes:</p> <p>Composition: Component Table for REACH information was modified.          Section 09 median particle size information was added.          Section 09: Freezing Point °C(°F) information was deleted.          Section 09: Melting Point °C (F) information was deleted.          Section 11 EU Annex II Endocrine Disruptor Data information was added.          Section 12 EU Annex II Endocrine Disruptor Data information was added.          Section 2 EU Annex II Endocrine Disruptor Data information was added.          Section 9 melting and freezing points information was added.</p>

Trade name:	<b>BIOCLEAR NEW</b>				
Product code:	BCN-X**	Date of compilation:	14 November 2022	Version:	7

16.2.	Abbreviations and acronyms:	and	<p>ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)</p> <p>IMDG: International Maritime Code for Dangerous Goods</p> <p>IATA: International Air Transport Association</p> <p>GHS: Globally Harmonised System of Classification and Labelling of Chemicals</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances</p> <p>CAS: Chemical Abstracts Service (division of the American Chemical Society)</p> <p>DNEL: Derived No-Effect Level (UK REACH)</p> <p>LC50: Lethal concentration, 50 percent</p> <p>LD50: Lethal dose, 50 percent</p> <p>PBT: Persistent, Bioaccumulative and Toxic</p> <p>vPvB: very Persistent and very Bioaccumulative</p>
16.3.	Key literature references and source of data:		-
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)		
	Classification		Classification procedure
	-		-
16.5.	Relevant H statements (number and full text)		
	H: 304 (EUH066)		May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.
16.6.	Training advice:		-
16.7.	Further information:		<p>** "X" in the product code marks different volumes (different packaging of the product)</p> <p>We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.</p>

**ANNEX: Exposure scenario resulting to Chemical safety assessment**

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