SAFETY DATA SHEET

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Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2020/878

BCL-110

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

1.1. Product identifier

Product name	: BCL-110
Registration number REACH	: Not applicable (mixture)
Product type REACH	: Mixture

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

1.2.1 Relevant identified uses Detergent according to Regulation (EC) No 648/2004

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the safety data sheet

Supplier of the safety data sheet

Manufacturer of the product

Novatech International N.V. Industrielaan 5B B-2250 Olen ☎ +32 14 85 97 37 ➡ +32 14 85 97 38 info@novatech.be

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch) : +32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008			
Category	Hazard statements		
category 1	H222: Extremely flammable aerosol.		
category 1	H229: Pressurised container: May burst if heated.		
category 1	H304: May be fatal if swallowed and enters airways.		
category 2	H315: Causes skin irritation.		
category 3	H336: May cause drowsiness or dizziness.		
category 2	H411: Toxic to aquatic life with long lasting effects.		
	Category category 1 category 1 category 1 category 2 category 3		

2.2. Label elements



Contains: hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane.</th>Signal wordDangerH-statementsExtremely flammable aerosol.H222Extremely flammable aerosol.H229Pressurised container: May burst if heated.H315Causes skin irritation.H336May cause drowsiness or dizziness.

- H336May cause drowsiness or dizziness.H411Toxic to aquatic life with long lasting effects.
- P-statements
 P210
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

 P211
 Do not spray on an open flame or other ignition source.

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P251 P280 P304 + P340 P410 + P412 Do not pierce or burn, even after use. Wear protective gloves, protective clothing and eye protection/face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122°F.

2.3. Other hazards

Gas/vapour spreads at floor level: ignition hazard

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark	M-factors and ATE
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane 01-2119475514-35		<c<100%< td=""><td>Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411</td><td>(1)(2)(10)</td><td>Constituent</td><td></td></c<100%<>	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411	(1)(2)(10)	Constituent	
carbon dioxide	124-38-9 204-696-9		Press. Gas - Liquefied gas; H280	(1)(2)(I)	Propellant	

(1) For H- and EUH-statements in full: see section 16

(2) Substance with a Community workplace exposure limit

(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

(I) Exempted from registration under REACH according to Annex IV (Regulation (EC) No 1907/2006)

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

Observe (own) safety. If possible, approach victim and check vital functions. In case of injury and/or intoxication, call the European emergency number 112. Treat symptoms starting with most life-threatening injuries and disorders. Keep victim under observation, possibility of delayed symptoms.

After inhalation:

Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

After skin contact:

If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water. If irritation persists, consult a doctor/medical service.

After eye contact:

Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

After ingestion:

Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

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

4.2.1 Acute symptoms After inhalation: Dizziness. Drowsiness. After skin contact: Tingling/irritation of the skin. After eye contact: No effects known. After ingestion: Risk of aspiration pneumonia.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Small fire: Water, Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher, Quick-acting CO2 extinguisher. Major fire: Quantities of water.

5.2. Special hazards arising from the substance or mixture

Upon combustion: CO and CO2 are formed. Pressurised container: May burst if heated.

5.3. Advice for firefighters

5.3.1 Instructions:

If exposed to fire cool the closed containers by spraying with water. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistant risk of physical explosion.

5.3.2 Special protective equipment for fire-fighters:

Gloves (EN 374). Protective goggles (EN 166). Head/neck protection. Protective clothing (EN 14605 or EN 13034). Heat/fire exposure: selfcontained breathing apparatus (EN 136 + EN 137).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Exposure to fire/heat: keep upwind. Exposure to fire/heat: have neighbourhood close doors and windows.

6.1.1 Protective equipment for non-emergency personnel

See section 8.2

6.1.2 Protective equipment for emergency responders

Gloves (EN 374). Protective goggles (EN 166). Head/neck protection. Protective clothing (EN 14605 or EN 13034). Suitable protective clothing

See section 8.2

6.2. Environmental precautions

Contain released product. Dam up the liquid spill.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

6.4. Reference to other sections

See section 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Gas/vapour heavier than air at 20°C. Observe normal hygiene standards.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Storage temperature: < 50 °C. Meet the legal requirements. Store in a cool area. Keep container in a well-ventilated place. Fireproof storeroom. Keep out of direct sunlight.

7.2.2 Keep away from:

Heat sources, ignition sources.

7.2.3 Suitable packaging material: Aerosol.

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

EU

Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	5000 ppm
Time-weighted average exposure limit 8 h (Indicative occupational exposure limit value)	9000 mg/m³

Carbone (dioxyde de)	Time-weighted average exposure limit 8 h	5000 ppm
	Time-weighted average exposure limit 8 h	9131 mg/m³
	Short time value	30000 ppm
	Short time value	54784 mg/m³
	A: La mention "A" signifie que l'agent libère un gaz ou effet physiologique mais peuvent diminuer le taux d'ox descend en dessous de 17-18 % (vol/vol) le manque d'u symptôme préalable n'annonce.	ygène dans l'air. Lorsque le taux d'oxygène

The Netherlands

Kooldioxide	Time-weighted average exposure limit 8 h (Public occupational exposure	5000 ppm
	limit value)	
	Time-weighted average exposure limit 8 h (Public occupational exposure	9000 mg/m³
	limit value)	

France

France		
Carbone (dioxyde de)	Time-weighted average exposure limit 8 h (VRI: Valeur réglementaire indicative)	5000 ppm
	Time-weighted average exposure limit 8 h (VRI: Valeur réglementaire indicative)	9000 mg/m ³
Hydrocarbures en C6-C12 (ensemble des)	Time-weighted average exposure limit 8 h (VL: Valeur non réglementaire indicative)	1000 mg/m³ (1)
	Short time value (VL: Valeur non réglementaire indicative)	1500 mg/m³ (1)
	Les valeurs spécifiques fixées pour les hydrocarbures nommément désignés dans la liste restent valable simultanément. Une valeur d'objectif de 500 mg/m³ avait été prévue par la circulaire du 12 juillet 1993, elle devait être réexaminée en 1995 mais ne l'a pas été.	

(1) vapeurs

Kohlenstoffdioxid	Time-weighted average exposure limit 8 h (TRGS 900)	5000 ppm (1)
	Time-weighted average exposure limit 8 h (TRGS 900)	9100 mg/m³ (1)
Kohlenwasserstoffgemische, Verwendung als Lösemittel (Lösemittelkohlenwasserstoffe), additiv-frei: C6-C8	Time-weighted average exposure limit 8 h (TRGS 900)	700 mg/m³ (2)
Aliphaten		

(2) Vgl. Nummer 2.9 Anwendung und Geltungsbereich der Arbeitsplatzgrenzwerte für Kohlenwasserstoffgemische; UF: 2 (II)

Austria

Kohlenstoffdioxid	Tagesmittelwert (MAK)	5000 ppm
	Tagesmittelwert (MAK)	9000 mg/m³
	Kurzzeitwert 60(Mow) 3x (MAK)	10000 ppm
	Kurzzeitwert 60(Mow) 3x (MAK)	18000 mg/m³

UΚ

Carbon dioxide	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	5000 ppm
	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	9150 mg/m³
	Short time value (Workplace exposure limit (EH40/2005))	15000 ppm
	Short time value (Workplace exposure limit (EH40/2005))	27400 mg/m ³

USA (TLV-ACGIH)

arbon dioxide Time-weighted average exposure limit 8 h (TLV - Adopted Value)		5000 ppm
	Short time value (TLV - Adopted Value)	30000 ppm

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 Threshold values

DNEL/DMEL - Workers hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Effect level (DNEL/DMEL)	Туре	Value	Remark
DNEL	Long-term systemic effects inhalation	2035 mg/m³	
	Long-term systemic effects dermal	773 mg/kg bw/day	

DNEL/DMEL - General population

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane						
Effect level (DNEL/DMEL)	Туре	Value	Remark			
DNEL	Long-term systemic effects inhalation	608 mg/m ³				
	Long-term systemic effects dermal	699 mg/kg bw/day				
	Long-term systemic effects oral	699 mg/kg bw/day				

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Measure the concentration in the air regularly.

8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Do not eat, drink or smoke during work.

a) Respiratory protection:

Full face mask with filter type A at conc. in air > exposure limit.

b) Hand protection:

Protective gloves against chemicals (EN 374).

	Measured breakthrough time	Thickness	Protection index	Remark
nitrile rubber		≥ 0.5 mm		Good resistance

c) Eye protection:

Protective goggles (EN 166).

d) Skin protection:

Protective clothing (EN 14605 or EN 13034). Head/neck protection.

8.2.3 Environmental exposure controls:

See sections 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Aerosol
Colour	Variable in colour, depending on the composition
Odour	Characteristic odour
Odour threshold	No data available in the literature
Melting point	Not applicable (aerosol)
Boiling point	88 °C - 106 °C ; Liquid
Flammability	Extremely flammable aerosol.
Explosion limits	No data available in the literature
Flash point	Not applicable (aerosol)
Auto-ignition temperature	Not applicable (aerosol)
Decomposition temperature	No data available in the literature
рН	Not applicable (non-soluble in water)
Kinematic viscosity	≤ 20 mm²/s ; 70 °C ; Liquid
Dynamic viscosity	0.38 mPa.s ; 20 °C ; Liquid
Solubility	Water ; insoluble
Log Kow	Not applicable (mixture)
Vapour pressure	No data available in the literature
Absolute density	737 kg/m³ ; 20 °C ; Liquid
Relative density	0.74 g/m³ ; 20 °C ; Liquid
Relative vapour density	Not applicable (aerosol)
Particle size	Not applicable (aerosol)

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Precautionary measures

Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Upon combustion: CO and CO2 are formed.

SECTION 11: Toxicological information

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

11.1.1 Test results

Acute toxicity

BCL-110

No (test)data on the mixture available

Judgement is based on the relevant ingredients

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value	Remark
						determination	
Oral	LD50		> 5840 mg/kg bw		Rat	Read-across	
Dermal	LD50		2800 mg/kg bw - 3100 mg/kg bw		Rat (male / female)	Read-across	
Inhalation (vapours)	LC50		> 25.2 mg/l		Rat (male / female)	Experimental value	

Conclusion

Not classified for acute toxicity

Corrosion/irritation

BCL-110

No (test)data on the mixture available

Classification is based on the relevant ingredients hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Route of exposure	Result	Method	Exposure time	Time point	Species	Value	Remark
						determination	
Eye	Not irritating			24; 48; 72 hours	Rabbit	Read-across	
Skin	0	Equivalent to OECD 404	4 h	24; 48; 72 hours		Experimental value	

Conclusion

Causes skin irritation.

Not classified as irritating to the respiratory system

Not classified as irritating to the eyes

Respiratory or skin sensitisation

BCL-110

No (test)data on the mixture available

Judgement is based on the relevant ingredients

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Route of exposure	Result	Method	 Observation time point	Species	Value determination	Remark
Skin	0	Equivalent to OECD 406		Guinea pig (male / female)	Read-across	

Conclusion

Not classified as sensitizing for inhalation

Not classified as sensitizing for skin

Specific target organ toxicity

BCL-110

No (test)data on the mixture available Classification is based on the relevant ingredients

	Parameter	alkanes, cycli Method	<u>cs, < 5% n-n</u> Value		gan/Effect	Exposure ti	me	Species		Value	Remark
					5, =			opeeneo		determination	
Inhalation (vapours)	NOAEC	Subacute toxicity test	14000 r air		neurotoxic ects	3 days (8h)	/ day)	Rat (male)		Experimental value	
Inhalation			STOT SE	ner sys (dr	ntral rvous stem rowsiness, ziness)					Literature study	
<u>clusion</u> ay cause drowsiness o at classified for subchr e nicity (in vitro) 10 o (test)data on the mix dgement is based on t	onic toxicity kture availal the relevant	ble ingredients									
/drocarbons, C6-C7, n- Result	alkanes, iso Met	· ·		<u>exane</u> Test substra	*0	Effect			Value	determination F	lemark
Negative with metal activation, negative without metabolic activation		valent to OE	CD 471	Bacteria (S. 1 and E. coli)			ect		Read-a		
Negative	Eaui	valent to OE	CD 473	Rat liver cell	ls	No eff	ect		Read-a	cross	
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110 No (test)data on the mix udgement is based on t ydrocarbons, C6-C7, n- esult legative (Inhalation vapours))	the relevant alkanes, iso Met	ingredients alkanes, cycli	Expo CD 478 8 w	osure time			_	n/Effect ffect	_	e determination l-across	Remark
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No (test)data on the mixture available

Chronic effects from short and long-term exposure

BCL-110 No effects known.

11.2. Information on other hazards

No evidence of endocrine disrupting properties

SECTION 12: Ecological information

12.1. Toxicity

BCL-110

No (test)data on the mixture available

Classification is based on the relevant ingredients

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LL50	OECD 203	11 mg/l WAF	96 h	Oncorhynchus mykiss	Semi-static system	Fresh water	Experimental value; Nominal concentration
Acute toxicity crustacea	EL50	OECD 202	3 mg/l WAF	48 h	Daphnia magna	Static system	Fresh water	Experimental value; Nominal concentration
Toxicity algae and other aquatic plants	EL50	OECD 201	30 mg/l WAF - 100 mg/l WAF	72 h	Pseudokirchneri ella subcapitata	Static system	Fresh water	Experimental value; Growth rate
Long-term toxicity fish	EL10		0.64 mg/l	60 day(s)	Oncorhynchus mykiss			QSAR; Estimated value
Long-term toxicity aquatic crustacea	NOEC	OECD 211	0.17 mg/l WAF	21 day(s)	Daphnia magna	Static system	Fresh water	Read-across; GLP
Toxicity aquatic micro- organisms	EL50		> 1000 mg/l	15 h	Activated sludge		Fresh water	QSAR; Estimated value

Conclusion

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

В	iodegradation water					
	Method	Value	Duration	Value determination		
	OECD 301F	98 %; Oxygen consumption	28 day(s)	Experimental value		

Conclusion

Water Not readily biodegradable in water

12.3. Bioaccumulative potential

<u>BCL-110</u>

Lo	Log Kow						
[Method	Remark	Value	Temperature	Value determination		
		Not applicable (mixture)					

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Log Kow

Method	Remark	Value	Temperature	Value determination
KOWWIN		3 - 3.8	20 °C	QSAR

Conclusion

Does not contain bioaccumulative component(s)

12.4. Mobility in soil

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

(log) Koc

1	Parameter	Method	Value	Value determination
I	Кос		325 - 1453	QSAR
Ī	og Koc		2.5 - 3.2	Calculated value

Conclusion

No straightforward conclusion can be drawn based upon the available numerical values

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties

12.7. Other adverse effects

BCL-110

Greenhouse gases

Contains component(s) included in the list of substances which may contribute to the greenhouse effect (IPCC) None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 2024/573) **Ozone-depleting potential (ODP)**

Not classified as dangerous for the ozone layer (Regulation (EC) No 2024/590)

Groundwater

Groundwater pollutant

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Greenhouse gases

Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 2024/573)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 2024/590)

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997. Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

14 06 03* (waste organic solvents, refrigerants and foam/aerosol propellants: other solvents and solvent mixtures). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Specific treatment. Should not be landfilled with household waste. Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

13.1.3 Packaging/Container

European Union

Waste material code packaging (Directive 2008/98/EC).

15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: Transport information

Road (ADR)

14. <u>1. UN number or ID number</u>	
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	aerosols
14.3. Transport hazard class(es)	
Hazard identification number	
Class	2
Classification code	5F
14.4. Packing group	
Packing group	
Labels	2.1
L4.5. Environmental hazards	
Environmentally hazardous substance mark	yes
14.6. Special precautions for user	
Special provisions	190
Special provisions	327
Special provisions	344
Special provisions	625
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for
	liquids. A package shall not weigh more than 30 kg (gross mass).

Rail (RID)

14. <u>1</u> . UN number or ID number	
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	aerosols
14.3. Transport hazard class(es)	

Revision number: 0000

10/13

BIG number: 70207

special provisions	190
Special provisions	327
Special provisions	344
Special provisions	625
Limited quantities	Combination packagings: not more than 1 liter per inner packaging fo
	liquids. A package shall not weigh more than 30 kg (gross mass).
a (IMDG/IMSBC)	
14.1. UN number or ID number	
UN number	1950
14.2. UN proper shipping name	
Proper shipping name	aerosols
14.3. Transport hazard class(es)	
Class	2.1
14.4. Packing group	
Packing group	
Labels	2.1
14.5. Environmental hazards	
Marine pollutant	P
Environmentally hazardous substance mark	yes
14.6. Special precautions for user	
Special provisions	190
Special provisions	277
Special provisions	327
Special provisions	344
Special provisions	381
Special provisions	63
Special provisions	959
Limited quantities	Combination packagings: not more than 1 liter per inner packaging fo liquids. A package shall not weigh more than 30 kg (gross mass).
14.7. Maritime transport in bulk according to IMO instruments	
Annex II of MARPOL 73/78	Not applicable
(ICAO-TI/IATA-DGR)	
14.1. UN number or ID number	
UN number/ID number	1950
14.2. UN proper shipping name	
Proper shipping name	aerosols, flammable
14.3. Transport hazard class(es)	
Class	2.1
14.4. Packing group	
	Publication date: 2024-12-05

Inland waterways (ADN)
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Class

14.1. UN number or ID number

UN number/ID number 14.2. UN proper shipping name Proper shipping name

14.3. Transport hazard class(es)

Classification code 14.4. Packing group Packing group Labels

14.5. Environmental hazards

14.6. Special precautions for user Special provisions

Environmentally hazardous substance mark

Hazard identification number

Classification code

Class

	5.
4.4. Packing group	
Packing group	
Labels	2.1
4. <u>5. Environmental hazards</u>	
Environmentally hazardous substance mark	yes
4. <u>6. Special precautions for user</u>	
Special provisions	190
Special provisions	327
Special provisions	344
Special provisions	625
Limited quantities	Combination packagings: not more than 1 liter per inner packaging for liquids. A package shall not weigh more than 30 kg (gross mass).

1950

2 5F

2.1

yes

190

aerosols

BCL-110

23

2 5F

В	CL-110	
Packing group		
Labels	2.1	
14.5. Environmental hazards		
Environmentally hazardous substance mark	yes	
14. <u>6. Special precautions for user</u>		
Special provisions	A145	
Special provisions	A167	
Special provisions	A802	
Passenger and cargo transport		
Limited quantities: maximum net quantity per packaging	30 kg G	

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture <u>European legislation:</u>

VOC content Directive 2010/75/EU

VOC content	Remark
97.6 %	
719.5 g/l	

Directive 2012/18/EU (Seveso III)

Threshold values under normal circumstances

Substance or category		Top tier (tonnes)		For this substance or mixture the summation rule has to be applied for:
P3b FLAMMABLE AEROSOLS	5000 (net)	50000 (net)	None	Flammability
E2 Hazardous to the Aquatic Environment in Category Chronic 2	200	500	None	Eco-toxicity

Ingredients according to Regulation (EC) No 648/2004 and amendments

≥30% aliphatic hydrocarbons

REACH Candidate list

Does not contain component(s) included in candidate list of substances of very high concern (SVHC) for authorisation (Article 59 of Regulation (EC) No 1907/2006)

REACH Annex XIV - Authorisation

Does not contain component(s) included in Annex XIV of Regulation (EC) No 1907/2006: list of substances subject to authorisation

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	Designation of the substance, of the group of	Conditions of restriction
	substances or of the mixture	
 hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane 	Liquid substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	 Shall not be used in: ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
 hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane 	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or	 Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following: metallic glitter intended mainly for decoration, artificial snow and frost, "whoopee" cushions,
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whether the spages in Narl 2 d Amer Vito Intelligible on or not.			pyrophoric solids category 1, regardless of	— silly string aerosols.
 how for practics, 				
			that Regulation or not.	 horns for parties,
 - stak bank. - stak bank.				 decorative flakes and foams,
2. Window grupping of the application of other Community provides on the capital of the providence of the application of the computing on the individual dependent referred to above in number which pendent in the individual dependent referred to above in number which pendent is and in the application the encoding sensenses are individual dependent of the action of the a				
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BIG number: 70207

LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
LOAEC/LOAEL	Lowest Observed Adverse Effect Concentration/Lowest Observed Adverse Effect Level
NOAEC/NOAEL	No Observed Adverse Effect Concentration/No Observed Adverse Effect Level
NOEC/NOEL	No Observed Effect Concentration/No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

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