

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: September 25, 2025

Version No.: 1.0

Revision: September 25, 2025

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

• **1.1 Product identifier**

• **Trade name:**

BUBBLE SWORD 3 PACK CDU

• **Other means of identification:**

UFI code: No available data.

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

• **Relevant identified uses:**

Consumer uses, making bubble.

• **Uses advised against:**

No available data.

• **Reason why uses advised against:**

No available data.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

• **Only Representative/other EU contact point:**

Gem Imports Ltd

1 Castlewood Avenue, Dublin, Ireland, D06 H685

Tel: +35314854980

Email: customerservice@gem-imports.co.uk

National contact: Mark Rigby

• **1.4 Emergency telephone number**

Country	Official advisory body	Address	Emergency number	Remark
Austria	Vergiftungsinformationszentra le (Poisons Information Centre)	Stubenring 6 1010 Wien	+43 1 406 43 43	-
Belgium	Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 B -1120 Bruxelles/Brussel	+32 70 245 245	Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee)
Bulgaria	Национален токсикологичен информационен център (National Toxicological Information Centre) Многопрофилна болница за	21 Totleben Boulevard 1606 SOFIA	+359 2 9154 409	-

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	<i>активно лечение и спешна медицина "Н.И.Пирогов" (National Clinical Toxicology Centre), Emergency Medical Institute "Pirogov"</i>			
<i>Croatia</i>	<i>Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada</i>	<i>Ksaverska Cesta 2 p.p. 291 10000 Zagreb</i>	<i>+385 1 234 8342</i>	<i>-</i>
<i>Cyprus</i>	<i>Κέντρο Δηλητηριάσεων</i>		<i>1401</i>	<i>Operating hours 24 hours / 24 hours, 7 days a week</i>
<i>Czech Republic</i>	<i>Toxikologické informační středisko Klinika pracovního lékařství VFN a I. LF UK</i>	<i>Na Bojišti 1 120 00 Praha 2</i>	<i>+420 224 919 293 +420 224 915 402</i>	<i>-</i>
<i>Denmark</i>	<i>Giflinjen Bispebjerg Hospital</i>	<i>Bispebjerg Bakke 23 2400 København NV</i>	<i>+45 82 12 12 12</i>	<i>-</i>
<i>Estonia</i>	<i>Mürgistusteabekeskus</i>	<i>Gonsiori 29 15027 Tallinn</i>	<i>16662 +372 626 93 90</i>	<i>-</i>
<i>Finland</i>	<i>Myrkytystietokeskus</i>	<i>Stenbäckinkatu 9 PO BOX 100 29 Helsinki</i>	<i>+358 9 471 977 +358 9 4711</i>	<i>-</i>
<i>France</i>	<i>Centre Antipoison et de Toxicovigilance de Paris Hôpital Fernand Widal</i>	<i>200 rue du Faubourg Saint-Denis 75475 Paris Cedex 10</i>	<i>+33 1 40 05 48 48</i>	<i>-</i>
<i>Germany</i>	<i>Giftnotruf München Toxikologische Abteilung der II. Med. Klinik und Poliklinik rechts der Isar der Technischen Universität München</i>	<i>Ismaninger Straße 22 81675 München</i>	<i>+49 (0) 89 19240</i>	<i>-</i>
<i>Germany</i>	<i>Giftnotruf der Charité CBF, Haus VIII (Wirtschaftgebäude), UG</i>	<i>Hindenburgdamm 30 12203 Berlin</i>	<i>+49 (0) 30 19240</i>	<i>-</i>
<i>Greece</i>	<i>Poisons Information Centre Children's Hospital P&A Kyriakou</i>	<i>11762 Athens</i>	<i>+30 2 10 779 3777</i>	<i>-</i>
<i>Hungary</i>	<i>Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat</i>	<i>Nagyvárad tér 2. 1437 Budapest, Pf. 839 1097 Budapest</i>	<i>+36 80 20 11 99</i>	<i>-</i>
<i>Iceland</i>	<i>Eitrunarmiðstöð Landspítali</i>	<i>Fossvogi 108 Reykjavík</i>	<i>+354 543 22 22</i>	<i>-</i>
<i>Ireland</i>	<i>National Poisons Information Centre Beaumont Hospital</i>	<i>PO Box 1297 Beaumont Road 9 Dublin</i>	<i>+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166</i>	<i>-</i>

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			(public, 8am - 10pm, 7/7)	
Italy	Centro Antiveleni Dipartimento di Tossicologia Clinica, Universita Cattolica del Sacro Cuore	Largo Agostino Gemelli 8 168 Roma	+39 06 305 4343	-
Latvia	Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs	Hipokrāta 2 1038 Rīga	+371 67 04 24 73	-
Lithuania	Apsinuodijimų informacijos biuras	Birutės g. 56 8110 Vilnius	+370 5 236 20 52 +370 687 53378	-
Luxembourg	Centre Anti-Poisons/ Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Bruxelles/Brussel	+352 8002 5500	-
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	-
Netherlands	Nationaal Vergiftigen Informatie Centrum Universitair Medisch Centrum Utrecht, Het Nationaal Vergiftigen Informatie Centrum (NVIC) informeert (dieren-) artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet	Huispostnummer B.00.118 PO Box 85500 3508 GA Utrecht	+31 30 274 88 88	Only for the purpose of informing medical personnel in cases of acute intoxications
Norway	Giftinformasjonen Helsedirektoratet	P.O. Box 7000 St. Olavs Plass 130 Oslo	+47 22 591300	-
Poland	National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 90950 Łódź	+48 42 63 14 724	-
Portugal	Centro de Informação Antivenenos Instituto Nacional de Emergência Médica	Rua Almirante Barroso, 36 1000-013 Lisboa	+351 808 250 143	-
Romania	Department of Clinical Toxicology Spitalul de Urgenta Floreasca	Calea Floreasca Bucuresti	+40 21 230 8000	-
Serbia	Nacionalni centar za kontrolu trovanja - VMA	Crnotravska 17 11000 Beograd	+381 11 360 84 40 (24h) +381 11 3672 187	-
Slovakia	Národné toxikologické informačné	Limbová 5	+421 2 54 77 41 66	-

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	centrum Univerzita'nemocnica Bratislava, pracovisko Kramáre, Klinika pracovnéholekárstva a toxikológie	833 05 Bratislava		
Slovenia	Center za kliničnotoksikologijo in farmakologijo Internaklinika, UKCL	Zaloška cesta 7 1525 Ljubljana	+386 41 650 500	-
Spain	Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Sevilla	Carretera de San Jerónimo Km 0,4 41080 Sevilla	+34 91 562 04 20	(Toxicological emergencies only). Information in Spanish (24/7)
Spain	Servicio de Información Toxicológica Instituto Nacional de Toxicología y Ciencias Forenses, Departamento de Madrid	C/José Echegaray n°4 28232 Las Rozas de Madrid	+34 91 562 04 20	(Toxicological emergencies only). Information in Spanish (24/7)
Sweden	Giftinformationscentralen	Box 60 500 171 76 Stockholm	112 – begär Giftinformation +46 10 456 6700 (Från utlandet)	-
Switzerland	Tox Info Suisse	Freiestrasse 16 8032 Zürich	145	(from abroad: +41 44 251 51 51) non urgent inquiry: +41 44 251 66 66
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- 2.1.1 Classification according to regulation (EC) 1272/2008:

The product is not classified according to CLP Regulation.

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

- 2.2 Label elements
 - Labeling according to Regulation (EC) No 1272/2008:
- The product is not labelled according to CLP Regulation.

- Hazard pictograms:

Not applicable

- Signal word:

Not applicable

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Trade Name: BUBBLE SWORD 3 PACK CDU**• Hazard-determining components of labelling:**

Not applicable

• Hazard statements:

Not applicable

• Precautionary statement:

Not applicable

• Supplemental label elements:

Not applicable

• 2.3 Other hazardsNone of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.None of the ingredients ($\geq 0.1\%$) are identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.**SECTION 3: Composition/information on ingredients****• 3.2 Mixtures****• Description of the mixture:**

BUBBLE SWORD 3 PACK CDU.

Ingredients:						
Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Water	7732-18-5	-	231-791-2	90.9	None	-
Polyquaternium-7	26590-05-6	-	-	5	Aquatic Chronic 3, H412	-
D-Glucopyranose, oligomers, C12-14-alkyl glycosides	157707-88-5	-	500-395-4	4	None	-
Ethyl 4-hydroxybenzoate	120-47-8	-	204-399-4	0.1	None	-

Additional information:

Full text of H- and EUH-statements, see SECTION 16.

SECTION 4: First aid measures**• 4.1 Description of first aid measures****• General notes:**

Get medical attention if you feel unwell.

• Following inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

• Following skin contact:

Wash with water.

If there are signs of irritation or other symptoms, seek medical attention.

• Following eye contact:

Rinse cautiously with water for several minutes.

If eye irritation occurs: Get medical advice/attention.

• Following ingestion:

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Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

• **Self-protection of the first aider:**

Wear disposable, latex free gloves.

• **4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are as indicated in sections 2 and 11.

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

Treat according to symptom, there is not known specific medicine.

SECTION 5: Fire-fighting measures

• **5.1 Extinguishing media**

• **Suitable extinguishing agents:**

The product is not flammable.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

• **Unsuitable extinguishing media:**

No known unsuitable extinguishing media.

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

• **Hazardous combustion products:**

No known hazardous combustion products.

• **5.3 Advice for firefighters**

• **Protective equipment:**

Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

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

• **6.1.1 For non-emergency personnel**

• **Protective equipment:**

Eye protection.

• **Emergency procedures:**

Avoid contact with eyes.

• **6.1.2 For emergency responders**

• **Personal protective equipment:**

Eye protection.

• **6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

• **6.3 Methods and material for containment and cleaning up**

• **6.3.1 For containment:**

Bunding, covering of drains.

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Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.3.3 Other information:

Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7: Handling and storage**7.1 Precautions for safe handling:****Protective measures:**

Avoid contact with eyes.

Measures to prevent fire:

Normal measures for preventive fire protection.

Measures to prevent aerosol and dust generation:

Ensure well ventilation at workplace.

Measures to protect the environment:

Avoiding spills or keeping away from drains.

Advice on general occupational hygiene:

Wear eye protection.

7.2 Conditions for safe storage, including any non-compatibility**Technical measures and storage conditions:**

Store in a cool and well-ventilated place.

Packaging materials:

No specific material.

Requirements for storage rooms and vessels:

No further requirements.

Storage class:

12.

Further information on storage conditions:

No further requirements.

7.3 Specific end use(s)**Recommendations:**

See section 1.2.

Industrial sector specific solutions:

No further information.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

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The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

• DNELs:

DNEL type		DNEL worker value	DNEL consumer value
120-47-8 Ethyl 4-hydroxybenzoate			
Systemic effects	Long-term, inhalation exposure	173 mg/m ³	43.47 mg/m ³
	Long-term, dermal exposure	32.85 mg/kg bw/day	16.42 mg/kg bw/day
	Long-term, oral exposure	-	12.5 mg/kg bw/day

• PNECs:

PNEC type	Value
120-47-8 Ethyl 4-hydroxybenzoate	
Freshwater	10 µg/L
Intermittent releases (freshwater)	100 µg/L
Marine water	1 µg/L
Sewage treatment plant (STP)	2 mg/L
Sediment (freshwater)	193.3 µg/kg sediment dw
Sediment (marine water)	19.3 µg/kg sediment dw
Soil	32.8 µg/kg soil dw

• Additional information:

The lists valid during the marking were used as basis.

• 8.2 Exposure controls

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

• 8.2.1 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

See section 7 for information about design of technical facilities.

• 8.2.2 Personal protection equipment**• Eye/face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

**Safety glasses**

Protective goggles with side-shields.

• Skin protection**• Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

**Protective gloves**

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• Other skin protection:

Not required under normal conditions of use.

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For industrial applications, following protection required:

**Face protection****Safety boots****Safety overalls**

Face shield, gauntlets, boots, bodysuit are recommended.

- **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

**Respiratory equipment**

Suitable respiratory equipment is recommended.

- **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

- **8.2.3 Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

• Physical state	Liquid
• Color	Transparent
• Odor & Odor threshold	Faintest smell
• Melting point/freezing point (or softening point/range)	Not determined
• Boiling point or initial boiling point and boiling range	Not determined
• Flammability	Not flammable liquid
• Lower and upper explosion limit	Not determined
• Flash point	>100°C (closed cup)
• Auto-ignition temperature	Not determined
• Decomposition temperature	Not determined
• pH	Not determined
• Kinematic viscosity (mm²/s)	Not determined
• Solubility	Not determined
• Partition coefficient n-octanol/water (log value)	Not applicable
• Vapor pressure	Not determined
• Density and/or relative density	Not determined
• Relative vapor density	Not determined
• Particle characteristics	Not determined

- **9.2 Other information**

- **9.2.1 Information with regard to physical hazard classes:**

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• Explosives	Not applicable
• Flammable gases	Not applicable
• Aerosols	Not applicable
• Oxidising gases	Not applicable
• Gases under pressure	Not applicable
• Flammable liquids	Not applicable
• Flammable solids	Not applicable
• Self-reactive substances and mixtures	Not applicable
• Pyrophoric liquids	Not applicable
• Pyrophoric solids	Not applicable
• Self-heating substances and mixtures	Not applicable
• Substances and mixtures, which emit flammable gases in contact with water	Not applicable
• Oxidizing liquids	Not applicable
• Oxidizing solids	Not applicable
• Organic peroxides	Not applicable
• Corrosive to metals	Not applicable
• Desensitised explosives	Not applicable
• 9.2.2 Other safety characteristics	
• Mechanical sensitivity	Not applicable
• Self-accelerating polymerisation temperature	Not applicable
• Formation of explosible dust/air mixtures	Not applicable
• Acid/alkaline reserve	Not applicable
• Evaporation rate	Not determined
• Miscibility	Not determined
• Conductivity	Not applicable
• Corrosiveness	Not applicable
• Gas group	Not applicable
• Redox potential	Not applicable
• Radical formation potential	Not applicable
• Photocatalytic properties	Not applicable
• Other physical and chemical parameters	Not determined

SECTION 10: Stability and reactivity

• 10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

• 10.2 Chemical stability:

Under storage at normal ambient temperatures, the product is stable.

• 10.3 Possibility of hazardous reactions:

No known hazardous reaction.

• 10.4 Conditions to avoid:

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No specific avoid condition.

• **10.5 Incompatible materials:**

Strong oxidizing agent and acids.

• **10.6 Hazardous decomposition products:**

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

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

• **Acute toxicity:**

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

Species	Effective Dose	Results	Method/Source
120-47-8 Ethyl 4-hydroxybenzoate			
Mouse	LD50-oral	3 g/kg	Bromatologia i Chemia Toksykologiczna., 14(301), 1981.
Dog	LD50-oral	5 g/kg	FAO Nutrition Meetings Report Series., 53A(81), 1974.
Rabbit	LD50-oral	5 g/kg	FAO Nutrition Meetings Report Series., 53A(81), 1974.
Rat	LD50-oral	>3100 mg/kg	ECHA registered dossier.

• **Skin corrosion/irritation:**

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

• **Serious eyes damage/irritation:**

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

• **Respiratory or skin sensitization:**

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

• **Germ cell mutagenicity:**

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

• **Carcinogenicity:**

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

• **Reproductive toxicity:**

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

• **STOT-single exposure:**

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

• **STOT-repeated exposure:**

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

• **Aspiration hazard:**

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

• **11.2 Information on other hazards**

• **11.2.1 Endocrine disrupting properties:**

None of the ingredients ($\geq 0.1\%$) are considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

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11.2.2 Other information:

No known other relevant information on adverse health effects.

SECTION 12: Ecological information

12.1 Toxicity:

Species	Effect dose	Test duration	Value
120-47-8 Ethyl 4-hydroxybenzoate			
Danio rerio	LC50	96h	15 mg/L
Daphnia magna	EC50	48h	10 mg/L
Pseudokirchneriella subcapitata	EC50	72h	37 mg/L
Pseudokirchneriella subcapitata	NOEC	72h	2.1 mg/L

12.2 Persistence and degradability:

CAS	Substance	Biodegradation	Hydrolysis
120-47-8	Ethyl 4-hydroxybenzoate	88.4%(28d)	-

12.3 Bio-accumulative potential:

CAS	Substance	Log Pow	BCF
120-47-8	Ethyl 4-hydroxybenzoate	2.3	-

12.4 Mobility in soil:

CAS	Substance	Surface tension (mN/m)	Log Koc
120-47-8	Ethyl 4-hydroxybenzoate	-	2.1966

12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) are considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

12.7 Other adverse effects:

No known other adverse effects.

12.8 Additional ecological information

General notes:

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

13.1 Waste treatment methods

Recommendation:

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local/regional/national/ international regulation.

13.2 Un-cleaned packaging

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• Recommendation:

Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information**• 14.1 UN number or ID number**

• ADR/ADN/RID (2025 Edition)	Not applicable/Not regulated, this product is not subject to ADR/ADN/RID.
• IMO/IMDG (42-24)	Not applicable/Not regulated, this product is not subject to IMO/IMDG code.
• IATA-DGR (66th)	Not applicable/Not regulated, this product is not subject to IATA-DGR.

• 14.2 UN proper shipping name

• ADR/ADN/RID (2025Edition)	Not applicable/Not regulated
• IMO/IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated

• 14.3 Transport hazard class (es)

• ADR/ADN/RID (2025Edition)	Not applicable/Not regulated
• IMO/IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated

• 14.4 Packing group

• ADR/ADN/RID (2025Edition)	Not applicable/Not regulated
• IMO/IMDG (42-24)	Not applicable/Not regulated
• IATA-DGR (66th)	Not applicable/Not regulated

• 14.5 Environmental hazards

• Environmentally hazardous (ADR/ADN/RID)	No
• Marine Pollutants (Yes/No)	No
• Special mark (ADR/ADN/RID)	No

• 14.6 Special precautions for user

• Danger code (Kemler)	Not applicable/Not regulated
• EMS number	Not applicable/Not regulated

• 14.7 Maritime transport in bulk according to IMO instruments	Not applicable/Not regulated
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SECTION 15: Regulatory information**• 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****• MAK (German Maximum Workplace Concentration):**

None of the ingredients are listed.

• Directive 2012/18/EU**• Named dangerous substances-ANNEX I:**

None of the ingredients are listed.

• Seveso category:

Not applicable

• Qualifying quantity (tonnes) for the application of lower-tier requirements:

Not applicable

• Qualifying quantity (tonnes) for the application of upper-tier requirements:

Not applicable

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- **National regulations.**

- **Water hazard class:**

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients are listed.

- **REACH Regulation Annex XVII Restriction:**

None of the ingredients are listed.

- **REACH Regulation Annex XIV Authorization List:**

None of the ingredients are listed.

- **15.2 Chemical safety assessment:**

A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

- **16.1 Indication of changes:**

None.

- **16.2 Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Aquatic Chronic 3: Long-term (chronic) aquatic hazard, hazard category 3

- **16.3 Key literature references and sources for data:**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

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Trade Name: BUBBLE SWORD 3 PACK CDU

• **16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:**

See section 2.1 (classification).

• **16.5 Relevant H- and EUH-phrases (number and full text):**

H412 Harmful to aquatic life with long lasting effects

• **16.6 Training advice:**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

• **16.7 Further information:**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

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End of safety data sheet