

Safety Data Sheet

according to UK REACH Regulation

CW ActivePower Pearl MicroPowder XP

Revision date: 01.02.2023

Product code: 4984302

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

1.1. Product identifier

CW ActivePower Pearl MicroPowder XP

UFI: AK09-9CYS-FF01-4NEP

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

Use of the substance/mixture

Professional use of vehicle cleaning products

1.3. Details of the supplier of the safety data sheet

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EHRLE Sp.z o.o. | Warzymice 45 | 72-005 Przeclaw Polen | +48 91-814-5555 | www.ehrle.pl
EHRLE Austria GmbH | Technoparkstr. 4 | 5310 Mondsee | +43 6232 903 035 702 | www.ehrle-austria.at
EHRLE FS SIA | Zetlinu iela 114 | Marupe, Marupes novads, LV-2167 Letland | +371 67869100 | www.ehrle.lv
EHRLE Slovakia s.r.o. | Mlynská 11 | SK- 902 03 Poznaň | +421 949 477788 | www.ehrle-slovakia.sk
EHRLE Česká s.r.o. | Zemědělská 1091/3b | Hradec Králové | +420 495 541 830 | www.ehrle.cz
EHRLE UK Ltd. | Unit 2 - Kinetic 45 - Newmarket Lane | Leeds LS9 0SH | +44 113 240 7291 | www.ehrle.co.uk
EHRLE France | 11 Rue de la Gare | 67610 La Wantzenau | +33 6 77 02 44 85 | www.ehrle.fr
KVANT Kft. - EHRLE-Hungária | Hunyadi János út 9., Building No.25 | 1116 Budapest | +36 (1) 371-0760 | www.ehrle.hu
EHRLE doo | Bulevar Evrope 23 lokal 7 | 21000 Novi Sad Serbien | +38 1213 821 909 | www.ehrle.rs
VALOR Smartwash SRL | str.Mesteacănului nr.15D | 547525 Sâncraiu de Mureş | +40 365 732 302 | www.ehrle-romania.ro

1.4. Emergency telephone number: see SECTION 1.3

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Alcohols C11-14-iso, C13-rich, ethoxylated

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

Signal word: Danger

Pictograms:



Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Additional advice on labelling

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

2.3. Other hazards

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Prolonged exposure causes local irritation of skin and mucous membranes, especially to the eyes.

Forms slippery/greasy layers with water.

Do not flush into surface water.

Product should not enter the wastewater in large quantities as it acts as a fertilizer. (Eutrophication).

Results of PBT and vPvB assessment: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
497-19-8	Sodium carbonate			30 - < 35 %
	207-838-8	011-005-00-2	01-2119485498-19	
	Eye Irrit. 2; H319			
78330-21-9	Alcohols C11-14-iso, C13-rich, ethoxylated			5 - < 10 %
	Acute Tox. 4, Eye Dam. 1, Aquatic Chronic 3; H302 H318 H412			
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate			1 - < 5 %
	223-267-7		01-2119510382-52	
	Acute Tox. 4, Eye Irrit. 2; H302 H319			
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide			1 - < 5 %
	932-051-8		01-2119565112-48	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
497-19-8	207-838-8	Sodium carbonate	30 - < 35 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2800 mg/kg		
78330-21-9		Alcohols C11-14-iso, C13-rich, ethoxylated	5 - < 10 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1200 mg/kg		
3794-83-0	223-267-7	Tetrasodium (1-hydroxyethylidene)bisphosphonate	1 - < 5 %
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = 2850 mg/kg Eye Irrit. 2; H319: >= 30 - 100		
	932-051-8	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	1 - < 5 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2240 mg/kg		

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air.

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After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Medical treatment necessary.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable.

In case of fire may be liberated: Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Phosphorus oxides.

Special danger of slipping by leaking/spilling product.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment. High risk of slipping due to leakage/spillage of product. Evacuate personnel to safe areas.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**Other information**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Clear contaminated areas thoroughly. For cleaning up: Wash with plenty of water.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

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Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

Protect against: Heat, UV-radiation/sunlight, Humidity.

7.3. Specific end use(s)

Professional use of vehicle cleaning products

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

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DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
497-19-8	Sodium carbonate			
Consumer DNEL, long-term		inhalation	local	10 mg/m ³
Worker DNEL, long-term		inhalation	local	10 mg/m ³
Consumer DNEL, acute		inhalation	local	10 mg/m ³
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate			
Worker DNEL, long-term		inhalation	systemic	16,9 mg/m ³
Worker DNEL, long-term		inhalation	local	10 mg/m ³
Worker DNEL, long-term		dermal	systemic	48 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	4,2 mg/m ³
Consumer DNEL, long-term		inhalation	local	10 mg/m ³
Consumer DNEL, long-term		dermal	systemic	24 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	2,4 mg/kg bw/day
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide			
Worker DNEL, long-term		inhalation	systemic	6 mg/m ³
Worker DNEL, long-term		inhalation	local	Mittlere Gefahr (kein Sch)
Worker DNEL, long-term		dermal	systemic	85 mg/kg bw/day
Worker DNEL, long-term		dermal	local	Mittlere Gefahr (kein Sch)
Consumer DNEL, long-term		inhalation	systemic	1,5 mg/m ³
Consumer DNEL, long-term		inhalation	local	Mittlere Gefahr (kein Sch)
Consumer DNEL, long-term		dermal	systemic	42,5 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	Mittlere Gefahr (kein Sch)
Consumer DNEL, long-term		oral	systemic	0,425 mg/kg bw/day

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PNEC values

CAS No	Substance	Value
Environmental compartment		
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate	
Freshwater		0,096 mg/l
Marine water		0,01 mg/l
Freshwater sediment		193 mg/kg
Marine sediment		19,3 mg/kg
Secondary poisoning		5,3 mg/kg
Micro-organisms in sewage treatment plants (STP)		58 mg/l
Soil		14 mg/kg
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide		
Freshwater		0,268 mg/l
Freshwater (intermittent releases)		0,055 mg/l
Marine water		0,027 mg/l
Freshwater sediment		8,1 mg/kg
Marine sediment		8,1 mg/kg
Micro-organisms in sewage treatment plants (STP)		5,6 mg/l
Soil		35 mg/kg

Additional advice on limit values

The lists that were valid during the compilation were used as basis.

8.2. Exposure controls**Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Suitable eye protection: goggles.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber), Thickness of the glove material: 0,5 mm, Breakthrough time:: 480 min.

Recommended glove articles: Butoject (898), Camatril Profi (729); Manufacturer: KCL.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Suitable respiratory protection apparatus: Particle filter device (EN 143) FFP2.

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Environmental exposure controls

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

Physical state:	solid: Powder	
Colour:	light red	
Odour:	fruity	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability		
Solid/liquid:		not determined
Gas:		not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		not applicable
Auto-ignition temperature:		not applicable
Decomposition temperature:		not determined
pH-Value (at 25 °C):		11,3 (10 g/L)
Viscosity / kinematic:		not determined
Water solubility:		easily soluble
Solubility in other solvents		not determined
Dissolution rate:		not determined
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Density:		not determined
Bulk density (at 20 °C):		approx. 600 kg/m ³
Relative vapour density:		not determined

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties

The product is not: Explosive.

Self-ignition temperature

Solid:

not determined

Gas:

not applicable

Oxidizing properties

Not oxidising.

Other safety characteristics

Evaporation rate:

not determined

Solid content:

not determined

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

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

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10.4. Conditions to avoid

none

10.5. Incompatible materials

Do not mix with acids.

10.6. Hazardous decomposition products

No known hazardous decomposition products. Hazardous combustion products: See also section 5.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
497-19-8	Sodium carbonate				
	oral	LD50 2800 mg/kg	Rat	Study report (1978)	OECD 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1978)	other: US EPA 16 CFR 1500.40
78330-21-9	Alcohols C11-14-iso, C13-rich, ethoxylated				
	oral	LD50 1200 mg/kg			calculated.
	dermal	LD50 > 2000 mg/kg	Rabbit	Publication (2012)	
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate				
	oral	LD50 2850 mg/kg	Rat	Study report (1985)	OECD 401
	dermal	LD50 > 5000 mg/kg	Rabbit	Study report (1985)	OECD 402
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide				
	oral	LD50 2240 mg/kg	Rat	Study report (1987)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1986)	OECD Guideline 402

Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

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Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

11.2. Information on other hazards**Endocrine disrupting properties**

The ingredients in the mixture are not listed.

SECTION 12: Ecological information**12.1. Toxicity**

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
497-19-8	Sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus (Bluegill)	Publication (1959) other:
	Acute crustacea toxicity	EC50 mg/l	< 424	48 h	Daphnia magna (Big water flea)	Publication (1946) other:
78330-21-9	Alcohols C11-14-iso, C13-rich, ethoxylated					
	Acute fish toxicity	LC50 mg/l	> 1 - 10	96 h	Leuciscus idus (golden orfe)	Study report (1994)
	Acute algae toxicity	ErC50 mg/l	> 1 - 10	96 h	algae	Study report (1994)
	Acute crustacea toxicity	EC50 mg/l	> 1 - 10	48 h	Daphnia magna (Big water flea)	Study report (1994)
	Fish toxicity	NOEC mg/l	0,4 - 4	7 d	Pimephales promelas (fathead minnow)	Study report (1994)
	Crustacea toxicity	NOEC mg/l	1 - 4	7 d	Daphnia magna (Big water flea)	Study report (1994)
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate					
	Acute fish toxicity	LC50 mg/l	2180	96 h	Cyprinodon variegatus	Study report (1976) other: US EPA methods (1975)
	Acute crustacea toxicity	EC50 mg/l	2400	48 h	Palaemonetes pugio	REACH Registration Dossier other: US EPA methods (1975)
	Fish toxicity	NOEC	400 mg/l	4 d		Echa
	Crustacea toxicity	NOEC mg/l	6,75	28 d	Daphnia magna (Big water flea)	Echa
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide					
	Acute fish toxicity	LC50	5,5 mg/l	96 h	Cyprinus carpio	Study report (1998) EU Method C.1
	Acute algae toxicity	ErC50	25 mg/l	72 h	Desmodesmus subspicatus	Study report (1993) OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	>= 40,3	48 h	Daphnia magna (Big water flea)	Study report (1995) OECD Guideline 202
	Fish toxicity	NOEC mg/l	0,23	72 d	Oncorhynchus mykiss	Study report (2010) Fertilized eggs of Salmo gairdneri were
	Algae toxicity	NOEC	3,1 mg/l	15 d	Chlorella kessleri	Study report (1984) other: EPA-600/9-78-01 8
	Crustacea toxicity	NOEC	0,5 mg/l	7 d	Ceriodaphnia sp.	Environmental Toxicology and Chemistry. other: Comotto
	Acute bacteria toxicity	(EC50	63 mg/l)		Pseudomonas putida	Echa DIN EN ISO 10712, 17 h

12.2. Persistence and degradability

The product has not been tested.

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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate				
	BOD5/COD ratio:		22,9 %		
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide				
	Biodegradation, OECD 301A		>70 %	28	
	Readily biodegradable (according to OECD criteria).				

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate	-3
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	0,7

BCF

CAS No	Chemical name	BCF	Species	Source
3794-83-0	Tetrasodium (1-hydroxyethylidene)bisphosphonate	71	Cyprinus carpio (Common Carp)	REACH Registration Dossier

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

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

List of Wastes Code - residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

List of Wastes Code - used product

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

List of Wastes Code - contaminated packaging

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150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

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

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

2010/75/EU (VOC): 4,636 %
2004/42/EC (VOC): 5,034 %
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

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15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Sodium carbonate

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,9,12.

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

**Safety Data Sheet**

according to UK REACH Regulation

CW ActivePower Pearl MicroPowder XP

Revision date: 01.02.2023

Product code: 4984302

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H412 Harmful to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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