



according to Regulation (EC) No 1907/2006

**ActivePower Pearl MicroPowder XLoP**

Print date: 07.05.2015

Product code: 105062

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**Precautionary statements**

- |                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P101           | If medical advice is needed, have product container or label at hand.                                                            |
| P102           | Keep out of reach of children.                                                                                                   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER/doctor.                                                                                         |

**2.3. Other hazards**

No information available.

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

**3.2. Mixtures**

**Chemical characterization**

Perfumed high-pressure cleaning powder

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**Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
207-838-8	sodium carbonate	50 - < 55 %
497-19-8	Xi - Irritant R36	
	Eye Irrit. 2; H319	
01-2119485498-19		
215-687-4	sodium silicate; silic acid, sodium salt	15 - < 20 %
1344-09-8	Xi - Irritant R37/38-41	
	Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335	
01-2119448725-31		
	Polymer auf Basis : Alkohole C9-C11- iso-, C10 reich, ethoxyliert	1 - < 5 %
	Xn - Harmful, Xi - Irritant R22-41	
	Acute Tox. 4, Eye Dam. 1; H302 H318	
02-2119549526-31		
249-559-4	organic phosphonic acid salt	1 - < 5 %
29329-71-3	Xn - Harmful R22	
	Acute Tox. 4, Eye Irrit. 2; H302 H319	
01-2119510382-52		
932-051-8	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid	1 - < 5 %
	Xi - Irritant R38-41	
	Skin Irrit. 2, Eye Dam. 1; H315 H318	
01-2119565112-48		
225-768-6	trisodium nitrilotriacetate	< 1 %
5064-31-3	Carc. Cat. 3, Xn - Harmful, Xi - Irritant R22-36-40	
	Carc. 2, Acute Tox. 4, Eye Irrit. 2; H351 H302 H319	
01-2119519239-36		
202-226-7	2-Naphtol-Ethylether = Nerolin Bromelia	< 1 %
93-18-5	Xi - Irritant, N - Dangerous for the environment R38-51-53	
	Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2; H315 H319 H411	

Full text of R-, H- and EUH-phrases: see section 16.

**Labelling for contents according to Regulation (EC) No 648/2004**

5 % - 15 % phosphates, < 5 % non-ionic surfactants, < 5 % anionic surfactants, < 5 % NTA (nitrilotriacetic acid) and salts thereof, perfumes.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Consult physician if problems persist.

**After inhalation**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

**After contact with skin**

After contact with skin, wash immediately with: Water. Change contaminated clothing. Consult

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physician if problems persist.

**After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**

After ingestion: Mouth thoroughly with water and leave few cool drink. Do NOT induce vomiting. Call a physician immediately.

**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. Atomized water. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

High power 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 (CO<sub>2</sub>).

**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. The product itself does not burn.

**SECTION 6: Accidental release measures**

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

Provide adequate ventilation. Avoid generation of dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.  
Penetration of undiluted material in the sewage system (valid for larger quantities)

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

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

**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**

**Advice on safe handling**

Do not breathe dust. Avoid contact with skin and eyes.

**Advice on protection against fire and explosion**

No special precautionary measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities**

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**Requirements for storage rooms and vessels**

Keep container tightly closed. Store only in original container. Protect against: heat. moisture.

**Advice on storage compatibility**

Materials to avoid: Acid.

**7.3. Specific end use(s)**

car cleaning and - maintenance in automatic micropowder dosing systems

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

**8.1. Control parameters**

**8.2. Exposure controls**



**Protective and hygiene measures**

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 or drink.

**Eye/face protection**

Suitable eye protection: goggles.

**Hand protection**

Tested protective gloves are to be worn:  
Suitable material: Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber)  
Recommended protective gloves brand: Butoject (898), Camatril Profi (729) by KCL

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Respiratory protection necessary at: exceeding exposure limit values  
Suitable respiratory protective equipment: particulates filter device (DIN EN 143). half-mask with filter (DIN EN 149). FF P 1

**SECTION 9: Physical and chemical properties**

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

Physical state: solid Powder  
Colour: slightly blue  
Odour: characteristic

pH-Value (at 20 °C): ca. 11 (1% in water )

**Changes in the physical state**

Melting point: not determined  
Initial boiling point and boiling range: not applicable  
Flash point: not applicable

**Flammability**

Solid: not determined  
Gas: not applicable

**Test method**

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Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
<b>Auto-ignition temperature</b>	
Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined
<b>Oxidizing properties</b>	
Not oxidizing.	
Vapour pressure:	not determined
Density:	not determined
Bulk density (at 20 °C):	ca.580 kg/m <sup>3</sup>
Water solubility:	soluble
<b>Solubility in other solvents</b>	
not determined	
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined
<b>9.2. Other information</b>	
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**

Stable under normal conditions

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

none

**10.5. Incompatible materials**

Acid.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

No data available for the product

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CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
497-19-8	sodium carbonate				
	oral	LD50	2800 mg/kg	Rat	
	dermal	LD50	> 2000 mg/kg	Rabbit	
1344-09-8	sodium silicate; silic acid, sodium salt				
	oral	LD50 mg/kg	1300-2200	Rat	
	Polymer auf Basis : Alkohole C9-C11- iso-, C10 reich, ethoxyliert				
	oral	LD50 mg/kg	500 - 2000	Rat	
29329-71-3	organic phosphonic acid salt				
	oral	LD50	>1340 mg/kg	Rat	
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid				
	oral	LD50 mg/kg	2000 - 5000	Rat	OECD 401
	dermal	LD50	>2000 mg/kg	Rat	OECD 402
5064-31-3	trisodium nitrilotriacetate				
	oral	ATE	500 mg/kg		

**Additional information on tests**

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

**SECTION 12: Ecological information**

**12.1. Toxicity**

No data available for the product

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CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	200 - 227 mg/l	48 h	Ceriodaphnia spec	
1344-09-8	sodium silicate; silic acid, sodium salt					
	Acute fish toxicity	LC50	3185 mg/l	96 h	Brachydanio rerio	
	Acute crustacea toxicity	EC50	4857 mg/l	48 h	Daphnia magna	
	Polymer auf Basis : Alkohole C9-C11- iso-, C10 reich, ethoxyliert					
	Acute fish toxicity	LC50	> 100 mg/l	96 h	Leuciscus idus (golden orfe)	
	Acute algae toxicity	ErC50	> 100 mg/l	72 h		
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h		
29329-71-3	organic phosphonic acid salt					
	Acute fish toxicity	LC50	>3000 mg/l	96 h	Lebistes reticulatus	
	Acute crustacea toxicity	EC50	>700 mg/l	48 h	Daphnia magna	
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid					
	Acute fish toxicity	LC50	>1-10 mg/l	96 h	Cyprinus carpio (Carp)	OECD 203
	Acute algae toxicity	ErC50	> 10 - 100 mg/l	72 h	Scenedesmus subspicatus	OECD 201
	Acute crustacea toxicity	EC50	>1-10 mg/l	48 h	Daphnia magna	OECD 202
	Fish toxicity	NOEC	>0,1 - 1 mg/l	72 d	Oncorhynchus mykiss	
	Crustacea toxicity	NOEC	>1 - 10 mg/l	21 d	Daphnia magna	OECD 211

**12.2. Persistence and degradability**

The surfactants contained in this preparation comply with the conditions of the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid	0,7

**12.4. Mobility in soil**

not determined

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

The product has not been tested.

**12.6. 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. Do not allow uncontrolled discharge of product into the environment.  
Product may not be released into waters without pre-treatment (biological sewage plant).

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**



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**Advice on disposal**

Waste material must be disposed of in compliance with the Waste Directive 2008/98 / EC, as well as national and local regulations. For this product no waste disposal key according the European Waste Catalogue (EWC) are set as the intended use by the user enables an allocation. The waste code - code must be determined within the European Union in cooperation with the disposal.

Product: Small amounts of biological wastewater treatment, large quantities of waste in consultation with the local authorities. In terms of product, please return the original packaging closed contact manufacturer.

**Waste disposal number of waste from 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 dangerous substances  
Classified as hazardous waste.

**Contaminated packaging**

Packaging: Contaminated packaging restentleeren, if necessary, clean with water. Rinsing and cleaning water in accordance with local authority requirements. Waste Code (recommendation): 150102 plastic packaging.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.2. UN proper shipping name:** No dangerous good in sense of these transport regulations.

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

**SECTION 15: Regulatory information**

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

**National regulatory information**

Employment restrictions: Observe employment restrictions for young people.

Water contaminating class (D): 2 - water contaminating

**Additional information**

Manufactured according to the criteria of ÖNORM B 5105

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information**

**Changes**

section: 2, 8, 13, 15

**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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

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LD50: Lethal dose, 50%

**Relevant R-phrases (Number and full text)**

- |       |                                                                 |
|-------|-----------------------------------------------------------------|
| 22    | Harmful if swallowed.                                           |
| 36    | Irritating to eyes.                                             |
| 37/38 | Irritating to respiratory system and skin.                      |
| 38    | Irritating to skin.                                             |
| 40    | Limited evidence of a carcinogenic effect.                      |
| 41    | Risk of serious damage to eyes.                                 |
| 51    | Toxic to aquatic organisms.                                     |
| 53    | May cause long-term adverse effects in the aquatic environment. |

**Relevant H- and EUH-phrases (Number and full text)**

- |      |                                                  |
|------|--------------------------------------------------|
| H302 | Harmful if swallowed.                            |
| H315 | Causes skin irritation.                          |
| H318 | Causes serious eye damage.                       |
| H319 | Causes serious eye irritation.                   |
| H335 | May cause respiratory irritation.                |
| H351 | Suspected of causing cancer.                     |
| H411 | Toxic to aquatic life with long lasting effects. |

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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