

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ActivePower Pearl MicroPowder PLUS

Print date: 07.05.2015

Product code: 105068

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

1.1. Product identifier

ActivePower Pearl MicroPowder PLUS

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

Use of the substance/mixture

car cleaning and - maintenance in automatic micropowder dosing systems

1.3. Details of the supplier of the safety data sheet

Company name:	Ehrle GmbH	
Street:	Siemensstreet 9	
Place:	D-89257 Illertissen	
Telephone:	07303 / 1600 0	Telefax: 07303 / 1600 60
Contact person:	Reiner Ehrle	
e-mail:	r.ehrle@ehrle.com	
Internet:	www.ehrle.com	
Responsible Department:	Germany Emergency Call: +49 7303 1600 16 bzw. 0162 292 76660 Austria Emergency Call: +43 6232 903 035701 Switzerland Notrufnummer: +41 71 353 5050 Poland Emergency Call: +48 91 814 5555	

Further Information

Manufactured according to the criteria of ÖNORM B 5105

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Indications of danger: Xi - Irritant

R phrases:
Irritating to eyes.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:
Serious eye damage/eye irritation: Eye Dam. 1
Hazard Statements:
Causes serious eye damage.

2.2. Label elements

Hazardous components which must be listed on the label

Polymer auf Basis : Alkohole C9-C11- iso-, C10 reich, ethoxyliert
Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid

Signal word: Danger

Pictograms: GHS05



Hazard statements

H318 Causes serious eye damage.

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Precautionary statements

- P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face 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.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Perfumed high-pressure cleaning powder

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	35 - < 40 %
497-19-8	Xi - Irritant R36 Eye Irrit. 2; H319	
01-2119485498-19		
	Polymer auf Basis : Alkohole C9-C11- iso-, C10 reich, ethoxyliert	5 - < 10 %
	Xn - Harmful, Xi - Irritant R22-41 Acute Tox. 4, Eye Dam. 1; H302 H318	
02-2119549526-31		
932-051-8	Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxid Xi - Irritant R38-41 Skin Irrit. 2, Eye Dam. 1; H315 H318	1 - < 5 %
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		

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

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

>= 30 % phosphates, 5 % - 15 % 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. Change contaminated clothing.

After inhalation

Provide fresh air.

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After contact with skin

Take off contaminated clothing and wash it before reuse.
After contact with skin, wash immediately with: Water and soap.

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.
Consult physician.

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.

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated: Carbon monoxide.

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

Provide adequate ventilation. Avoid generation of dust. Do not breathe 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.
Clear contaminated areas thoroughly.

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

Avoid generation of dust. 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. Keep locked up. 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



Appropriate engineering controls

@00000000457. Do not breathe dust.

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).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid Powder
 Colour: light red
 Odour: characteristic

pH-Value (at 20 °C):	ca. 11 (1%in water)	Test method
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Changes in the physical state

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

Flammability

according to Regulation (EC) No 1907/2006

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Solid:	not determined
Gas:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Auto-ignition temperature	
Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined
Oxidizing properties	
Not oxidizing.	
Vapour pressure:	not determined
Density:	not determined
Bulk density (at 20 °C):	ca.600 kg/m ³
Water solubility:	soluble
Solubility in other solvents	
not determined	
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined
9.2. Other information	
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	
	Polymer auf Basis : Alkohole C9-C11- iso-, C10 reich, ethoxyliert				
	oral	LD50 mg/kg	500 - 2000	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

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 mg/l	200 - 227	48 h	Ceriodaphnia spec	
	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		
	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 mg/l	> 10 - 100	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.

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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 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****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

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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%
LD50: Lethal dose, 50%

Relevant R-phrases (Number and full text)

22	Harmful if swallowed.
36	Irritating to eyes.
38	Irritating to skin.
40	Limited evidence of a carcinogenic effect.
41	Risk of serious damage to eyes.

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.
H351	Suspected of causing cancer.

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.)