



## 1 Identification of the substance/mixture and of the company:

### 1.1 Product identifier

Trade name: **HPM Power Wipes**  
Unique Formula Identifier (UFI):

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

Recommended uses: Cleaning product

### 1.3 Details of the supplier of the safety data sheet

Supplier: HPM Technologie GmbH  
Paul-Lechler-Straße 21  
72581 Dettingen

Fon: +49 7123 88039-10  
Fax: +49 7123 88039-81  
Emergency telephone number: +49 7123 88039-10

E-Mail: info@hpmtechnologie.de  
Internet: www.hpmtechnologie.de

Responsible/ issuing person: Environment/ Quality management

## 2 Hazard identification:

### 2.1 Classification of the substance or mixture

CLP-classification: Aquatic Chronic 3; H412  
Most serious harmful effects: Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

**H-phrases**  
H412 Harmful to aquatic life with long lasting effects.

**P-Phrases**  
P273 Avoid release to the environment.  
P501 Dispose of contents and their containers to an approved waste disposal company.  
P501 Empty and clean containers are sorted as plastic packaging.  
P501 Used wipe and foil laminate are sorted as residual waste.

**Supplement information**  
EUH208 Contains (R)-p-mentha-1,8-diene, d-limonene. May produce an allergic reaction.

### 2.3 Other hazards

None known

## 3 Composition/information on ingredients:

### 3.2 Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLPclassification
Amides, C8-18 (even numbered) and C18-unsatd., N,Nbis(hydroxyethyl)	68155-07-7	931-329-6	01-2119490100-53	< 1%		Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411 LD50(Acute toxicity-oral) >5000mg/kg bw
(R)-p-mentha-1, 8-diene, dlimonene	5989-27-5	227-813-5	01-2119529223-47	< 1%		Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317



						Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Sorbitan monooleate, ethoxylated	9005-65-6	500-019-9	polymer	< 1%		M (acute): 1 Aquatic Chronic 3; H412
2,2'-iminodiethanol	111-42-2	203-868-0	01-2119488930-28	< 0.03%		Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Repr. 2; H361fd STOT RE 2; H373

Please see section 16 for the full text of H-phrases.

**Ingredient comments:** Pursuant to Regulation (EC) No. 648/2004 on detergents:  
Contains: less than 5%: non-ionic surfactants  
Preservative: Sodium benzoate 2-phenoxyethanol

#### 4 First aid measures:

##### 4.1. Description of first aid measures

**Inhalation:** Seek fresh air. Seek medical advice in case of persistent discomfort.

**Ingestion:** Do not induce vomiting. Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

**Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**General:** When obtaining medical advice, show the safety data sheet or label.

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

The product contains small amounts of allergen. Risk of allergic reactions can not be excluded

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

Treat symptoms.

#### 5 Firefighting measures:

##### 5.1. Extinguishing media

Suitable extinguishing media: Choose extinguishing agents based on the surrounding fire.  
Unsuitable extinguishing media: Among common extinguishing agents are none that are directly unsuitable.

##### 5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide and carbon dioxide in the event of fire. The product decomposes when combusted and the following toxic gases can be formed: Aldehydes.

##### 5.3. Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit. Send contaminated extinguishing water for destruction

#### 6 Accidental release measures:

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



For non-emergency personnel: Wear suitable protective equipment. Provide good ventilation. Keep unnecessary personnel away.

**6.2. Environmental precautions**

Prevent spillage from entering drains and/or surface water. Avoid unnecessary release to the environment.

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

Wipe up minor spills with a cloth. Rinse with water. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.

**6.4. Reference to other sections**

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

**7 Handling and storage:**

**7.1. Precautions for safe handling**

Work should be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work. Take off contaminated clothing and wash before reuse.

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

Store in a dry, cool, well-ventilated area. Store frost-free. Keep in tightly closed original packaging. Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.

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

No special uses in addition to identified uses in 1.2.

**8 Exposure controls/ personal protection:**

**8.1. Control parameters**

**Occupational exposure limit:** Contains no substances subject to reporting requirements

**Legal basis:** Commission Directive 2000/39/EC (Occupational Exposure Limits) as subsequently amended. Last amended by Commission Directive 2019/1831/EU. Directive 2004/37/EC (Exposure to carcinogens or mutagens at work) as subsequently amended. Last amended by Directive 2019/983/EU.

**PNEC**

<b>Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), cas-no 68155-07-7</b>				
<b>Exposure</b>	<b>Value</b>	<b>Assessment Factor</b>	<b>Extrapolation Method</b>	<b>Note</b>
PNEC aqua (freshwater)	0,007 mg/l			
PNEC aqua (marine water)	0,0007 mg/l			
<b>Glycerol, cas-no 56-81-5</b>				
<b>Exposure</b>	<b>Value</b>	<b>Assessment Factor</b>	<b>Extrapolation Method</b>	<b>Note</b>
PNEC aqua (freshwater)	0,885mg/l			
PNEC sediment (freshwater)	3,3 mg/kg			
PNEC aqua (marine water)	0,0885 mg/l			
PNEC sediment	0,33 mg/kg dw			



(marine water)				
PNEC aqua (intermittent releases)	8,85 mg/l			
PNEC soil	0,141 mg/kg			
PNEC STP (wastewatertreatment facilities)	1000 mg/l			
<b>2-phenoxyethanol, cas-no 122-99-6</b>				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,943 mg/l			
PNEC aqua (intermittent releases)	3,44 mg/l			
PNEC aqua (marine water)	0,0943 mg/l			
PNEC STP (wastewatertreatment facilities)	24,8 mg/l			
PNEC sediment (freshwater)	7,237 mg/kg dw			
PNEC sediment (marine water)	0,7237 mg/kg dw			
PNEC soil	1,26 mg/kg dw			

**DNEL-workers**

<b>Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), cas-no 68155-07-7</b>					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DMEL (longterm exposure - systemic effects)	4,16 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	0,0734 g/m <sup>3</sup>				
<b>Glycerol, cas-no 56-81-5</b>					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - local effects)	56 mg/m <sup>3</sup>				
<b>2-phenoxyethanol, cas-no 122-99-6</b>					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (longterm exposure - systemic effects)	8,07 mg/m <sup>3</sup>				
Inhalation DNEL (long-term exposure - local effects)	8,07 mg/m <sup>3</sup>				
Inhalation DNEL (long-term)	20,83 mg/kg bw/day				



exposure - systemic effects)					
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**DNEL-general population**

**Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), cas-no 68155-07-7**

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	0,02173 g/m <sup>3</sup>				
Dermal DMEL (longterm exposure - systemic effects)	2,5 mg/kg bw/day				
Oral DNEL (longterm exposure - systemic effects)	6,25 mg/kg bw/day				

**Glycerol, cas-no 56-81-5**

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (acute/short-term exposure - local effects)	33 mg/m <sup>3</sup>				
Oral DNEL (longterm exposure - systemic effects)	229 mg/kg bw/day				

**2-phenoxyethanol, cas-no 122-99-6**

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	2,41 mg/m <sup>3</sup>				
Inhalation DNEL (long-term exposure - local effects)	2,41 mg/m <sup>3</sup>				
Dermal DNEL (longterm exposure - systemic effects)	10,42 mg/kg bw/day				
Oral DNEL (longterm exposure - systemic effects)	9,23 ng/kg bw/day				
Oral DNEL (acute/short-term exposure - systemic effects)	9,23 mg/kg bw/day				

**8.2. Exposure controls**

**Personal protective equipment, eye/face protection:** Wear safety goggles if there is a risk of eye splash.

**Personal protective equipment, skin protection:** Wear suitable protective clothing.

**Personal protective equipment,** In case of insufficient ventilation, wear respiratory protective equipment.



**respiratory protection:**

**Environmental exposure controls:** Ensure compliance with local regulations for emissions.

**9 Physical and chemical properties:**

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

Parameter	Value/unit
State	Wet wipes
Colour	Opaque White
Odour	Almost odourless
Solubility	Soluble in water

Parameter	Value/unit	Remarks
pH (solution for use)	6 - 7	
pH (concentrate)	No data	
Melting point	0 °C	
Freezing point	0 °C	
Initial boiling point and boiling range	No data	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Kinematic viscosity	No data	
Density	No data	
Relative density (sat.air)	No data	
Odour threshold	No data	

**9.2. Other Information**

**10 Stability und reactivity:**

**10.1. Reactivity**

Not reactive.

**10.2. Chemical stability**

The product is stable when used in accordance with the supplier's directions.

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

Do not expose to heat or direct sunlight. Avoid frost.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**



None, if stored at the recommended storage conditions.

## 11 Toxicological information:

### 11.1. Information on toxicological effects

#### Acute toxicity – oral

##### Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl), cas-no 68155-07-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000mg/kg bw		OECD 401	

##### 2-phenoxyethanol, cas-no 122-99-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		1850mg/kg bw		OECD 401	

Based on existing data, the classification criteria are deemed not to have been met.

#### Acute toxicity – dermal

##### 2-phenoxyethanol, cas-no 122-99-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000mg/kg bw			

Based on existing data, the classification criteria are deemed not to have been met.

#### Acute toxicity – inhalation

##### 2-phenoxyethanol, cas-no 122-99-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50 (dust/mist)	6h	> 1mg/l		OECD 412	

Based on existing data, the classification criteria are deemed not to have been met.

#### Skin corrosion/irritation

Can be irritating after prolonged skin contact. Based on existing data, the classification Criteria are deemed not to have been met.

#### Serious eye damage/eye irritation:

May cause eye irritation. Based on existing data, the classification criteria are deemed not to have been met.

#### Respiratory sensitisation or skin sensitisation:

The product contains small amounts of allergen. Risk of allergic reactions can not be excluded.

#### Germ cell mutagenicity:

Based on existing data, the classification criteria are deemed not to have been met.

#### Carcinogenic properties:

Based on existing data, the classification criteria are deemed not to have been met.

#### Reproductive toxicity:

Based on existing data, the classification criteria are deemed not to have been met.

#### Single STOT exposure:

Based on existing data, the classification criteria are deemed not to have been met.

#### Repeated STOT exposure:

Based on existing data, the classification criteria are deemed not to have been met.

#### Aspiration hazard:

The product does not have to be classified.

### 11.02 Information on other hazards Other toxicological effects

The product does not have to be classified.



**12 Ecological information:**

**12.1. Toxicity**

**2-phenoxyethanol, cas-no 122-99-6**

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Pimephales promelas	96h	96hLC50	344mg/l			
Crustacea	Daphnia magna	48h	48hLC50	>500mg/l		OECD 202	
Algae	Desmodesmus subspicatus	72h	72hErC50	>500mg/l		DIN 38412	
Bacteria	Pseudomonas putida	17h	EC50	883,3mg/l		DIN 38 412 Part 8	
Bacteria	Name of species not specified - activated sludge	30min	EC50	>1000mg/l		OECD 209	
Fish	Pimephales promelas	24d	NOEC	23mg/l		OECD 210	
Crustacea	Daphnia magna	21d	21dNOEC	9,43mg/l		OECD 211	
	Name of species not specified - activated sludge	15d		90 – 100%	Readily biodegradable.	OECD 301 A	
			LogPow	1,2		OECD 117	

Prevent release on land, in air and water. May cause long lasting harmful effects to aquatic life.

**12.2. Persistence and degradability**

**2-phenoxyethanol, cas-no 122-99-6**

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
	Name of species not specified - activated sludge	28d		90%	Readily biodegradable.	OECD 301 F	

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

**12.3. Bioaccumulative potential**

**2-phenoxyethanol, cas-no 122-99-6**

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			BCF	0,3			

No bioaccumulation expected.

**12.4. Mobility in soil**

Test data are not available.

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

No assessment has been made.





**12.6. Other adverse effects**

None known.

**13 Disposal consideration:**

**13.1. Waste treatment methods**

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.  
Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.  
Avoid unnecessary release to the environment.  
EWC code: Depends on line of business and use, for instance

**Category of waste:** 20 01 29\* detergents containing hazardous substances

If the product should be mixed with other waste this code might be incorrect. Another EWC code should be appointed.

**14 Transport information:**

**14.1. UN-No.:**

Not applicable.

**14.2. UN proper shippingname:**

Not applicable.

**14.3. Transport hazard class(es):**

Not applicable

**14.4. Packing group:**

Not applicable.

**14.5. Environmental hazards:**

Not applicable

**14.6. Special precautions for user:**

none

**14.7. Maritime transport in bulk according to IMO instruments**

Not applicable.

**15 Regulatory information:**

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

**Special Provisions:** Regulation (EC) of the European Parliament and of the Council on detergents.  
**Water hazard class:** HPM Power Wipes: WHC 1 (slightly hazardous to water)

**15.2. Chemical Safety Assessment**

**Other Information:** Chemical safety assessment has not been performed.

**16 Other information:**

**Abbreviations:**

DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

**References to literature and data sources:**

Safety Data Sheets and other information from suppliers.  
ECHA reg. sub.: ECHA database for information on registered substances.



**Other Information:**

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**Classification method:**

Calculation based on the hazards of the known components.

**List of relevant H-statements**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**List of relevant EUH-statements**

EUH208	Contains ®-p-mentha-1,8-diene, d-limonene. May produce an allergic reaction
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