

* PET Care (Miele)

Date revised: 16.06.2016

8776002220

Version: 1 / WORLD: MA-212

Date of printing: 10.07.17

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Trade name**

PET Care (Miele)

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

Detergent

1.3. Details of the supplier of the safety data sheet

Lavapiù S.r.l.

Strada di Circonvallazione, 27

P.I. 02636010213

39057 Appiano sulla Strada del Vino

Telephone no. +39 075 5279943

E-mail address: remo.falchi@lavapiu.com

1.4. Emergency telephone number

CAV Niguarda Tel. 0039 02/66101029

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (Regulation (EC) No. 1272/2008)**

Skin Corr. 1A H314

Eye Dam. 1 H318

2.2. Label elements**Labelling according to regulation (EC) No 1272/2008****Hazard pictograms****Signal word**

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P280.2 Wear protective gloves/eye/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Sodium hydroxide

2.3. Other hazards

The product does not contain PBT/vPvB-substances

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

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Hazardous ingredients**Sodium hydroxide**

CAS No.	1310-73-2	EINECS no.	215-185-5
Registration no.	01-2119457892-27-XXXX		
Concentration	>= 10 <	25 %	
Skin Corr. 1A	H314		

Alkylpolyglucoside

CAS No.	68515-73-1	EINECS no.	500-220-1
Registration no.	01-2119488530-36-XXXX		
Concentration	>= 1 <	10 %	
Eye Dam. 1	H318		

Alkylpolyglucoside

CAS No.	110615-47-9	EINECS no.	600-975-8
Registration no.	01-2119489418-23-XXXX		
Concentration	>= 1 <	10 %	
Eye Dam. 1	H318		
Skin Irrit. 2	H315		

Other information

For explanation of abbreviations see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Do not induce vomiting. Call in a physician immediately and show him the Safety Data Sheet.

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

There is no further relevant information available

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

There is no further relevant information available

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

Carbon dioxide, Dry powder, Water spray jet, Extinguishing measures to suit surroundings

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

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5.3. Advice for firefighters

Use self-contained breathing apparatus.
Cool endangered containers with water spray jet.

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

Keep people away and stay on the upwind side. Use breathing apparatus if exposed to vapours/dust/aerosol. Use personal protective clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

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

Provide good ventilation of working area (local exhaust ventilation if necessary).
Containers in danger should be cooled with water.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Provide alkali-resistant floor. Store product in closed containers. Do not store together with: Acids, Aluminium

Storage class according to Caustic substances
TRGS 510
Keep container tightly closed.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, Filter B

Hand protection

Chemical resistant gloves
Appropriate Material nitrile
Material thickness >= 0,7 mm
Breakthrough time 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Alkali-resistant protective clothing

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

Form liquid

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Colour	light yellow		
Odour	Product specific		
pH value			
Value	12,5	to	12,8
Concentration/H ₂ O	1	%	
Flash point			
Value	> 100		°C
Density			
Value	appr. 1,25		kg/l
Solubility in water			
Remarks	miscible		
Viscosity			
Value	appr. 12		s
Method	DIN 53211 4 mm		

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

Corrodes aluminium.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Strong exothermic reaction with acids.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

Strong exothermic reaction with acids. Reactions with metals, with evolution of hydrogen.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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

No toxicological data are available.

Acute dermal toxicity

No toxicological data are available.

Acute inhalational toxicity

No toxicological data are available.

Skin corrosion/irritation

Corrosive action on the skin and mucous membrane.

Serious eye damage/irritation

evaluation corrosive

Sensitization

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

Mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Specific Target Organ Toxicity (STOT)

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

Aspiration hazard

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

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

For this subsection there is no ecotoxicological data available on the product as such.

Daphnia toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Algae toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Bacteria toxicity

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.Do not discharge product unmonitored into the environment.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment

The product does not contain PBT/vPvB-substances

12.6. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

Behaviour in sewers [waste treatment plants]

The product is an alkaline solution. Neutralization is normally necessary before a waste water is discharged into sewage treatment plants.

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

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information**Land transport ADR/RID****14.1. UN number**

UN 1824

14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

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Packing group	II
Tunnel restriction code	E

Marine transport IMDG/GGVSee**14.1. UN number**

UN 1824

14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group	II
EmS	F-A, S-B

SECTION 15: Regulatory information**Ingredients (Regulation (EC) No 648/2004)****Other information**

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.

CLP categories listed in Chapter 3

Eye Dam. 1	Serious eye damage, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Irrit. 2	Skin irritation, Category 2

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic
 vPvB: Very persistent and very bioaccumulative

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.