

Material Safety Data Sheet

according to regulation (EC) 1907/2006 Reach

Trade Name [#] : Bauwerk Universal Spot Remover Plus

Material No. : 10143556

Revised at : 08.12.2020

Release : 2.0 / EN

Issue Date : 08.12.2020

Previous version: 1.2 / EN, dated 29.09.2014

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

1.1 Product identifier : Bauwerk Universal Spot Remover Plus

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

Identified uses : In-depth cleaning of treated and untreated wood surfaces indoor and outdoor

Uses advised against : -

1.3 Distributor (Manufacturer/Importer/Flow-Operater/Retailer)

Bauwerk Parkett AG

Neudorfstrasse 49

9430 St.Margrethen Schweiz

+41 71 747 74 74 +41 71 747 74 75 info@bauwerk.com

1.4 Emergency telephone : +49 / (0)700-24112112 (NNC)

2. Hazards identification:

2.1 Classification of the substance or mixture according to Regulation (EC) No 1272/2008 (GHS):

The product is not subject to the provisions set out in the aforesaid regulation

2.2 Label elements according to Regulation (EC) No 1272/2008 (GHS):

The product does not require labelling according to aforesaid regulation.

2.3 Additional indications of danger for human health and environment:

☞ Eye contact : The product is considerably acidic (see SECTION 9). In direct contact, it may irritate the mucous membranes of the eye.

The mixture does not contain any substances which meet the PBT or vPvB criteria of REACH, annex XIII.

3. Composition / information on ingredients:

3.1 Mixture related information : Mixture prepared of demineralised water, natural fruit acids and small amounts of water soluble stabilizers

3.2 Hazardous ingredients :

Oxalic acid Dihydrate; Index-No 607-006-00-8, EC-No 205-634-3, CAS-No 6153-56-6

amount [weight %] : < 5

classification according to EC 1907/2006 (GHS) : H312; Acute tox. 4

H302; Acute tox. 4

For the wording of the listed hazard statements and risk phrases refer to SECTION 16.

Substances, listed in the "Candidate List of Substances of Very High Concern (SVHC) for authorisation" of the European Chemical Agency (ECHA), are not intended ingredients of this mixture. It is therefore not to be expected that such substances are contained in the mixture in quantities above 0,1%.

4. First-Aid measures:

4.1 Description of the first-aid measures

In case of inhalation : After inhalation, of for ex. aerosols, bring the affected person into fresh air.

In case of skin contact : Remove contaminated, saturated clothing. Wash affected area with plenty

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		of water and soap.
	In case of eye contact	: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of persistent discomfort consult an ophthalmologist.
	In case of swallowing	: Rinse mouth immediately and drink plenty of water (up to a maximum of 3 cups). Do not induce vomiting. In case of persistent discomfort consult a physician.
4.2	Most important symptoms and effects, both acute and delayed	Acute but reversible irritations of the eyes and the mucous membranes. At intense, long-lasting or repeated contact skin irritation may occur. When swallowed, burns in mouth, throat, oesophagus and gastrointestinal tract with possible spontaneous vomiting.
4.3	Information for the physician	: In case of larger uptaken quantities, a serious disturbance of the calcium metabolism may occur – with possible delayed renal dysfunctions. When swallowed, do not induce vomiting. In order to bind the oxalic acid as calcium oxalate make the affected person to drink plenty of milk or a slurry of chalk.
5.	Fire-fighting measures:	
5.1	Suitable extinguishing media	: The product is not flammable. Use firefighting measures that suit the environment.
5.2	Extinguishing media which must not be used for safety reasons:	n.a.
5.3	Special hazards arising from the mixture:	By incomplete combustion toxic carbon monoxide may be formed
5.4	Advice for fire-fighters	: n.a.
5.5	Additional information	: Cool endangered containers with water spray.
6.	Accidental release measures:	
6.1	Personal precautions	: Avoid eye contact.
6.2	Environmental precautions	: Do not allow the product to enter soil/subsoil, surface water or drains. In case of a major contamination, inform the responsible local authorities.
6.3	Methods and material for containment and cleaning up:	Remove from contaminated surface (by e.g. skimming or sucking) or absorb with liquid-binding material (e.g. sand, diatomaceous earth or all-purpose binding agents). Clean contaminated objects thoroughly with water, taking into account the relevant national and local regulations. Dispose collected material acc. to <i>SECTION 13</i> .
6.4	Reference to other sections	: Observe the safety measures listed in <i>SECTIONS 7, 8 and 13</i> .
7.	Handling and storage:	
7.1	Precautions for safe handling:	When properly used, no specific safety measures are required. Do not allow the product to come into contact with the eyes.

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7.2 Conditions for safe storage, including any incompatibilities:

Store in the original container protected from frost.

Do not store together with food and feeding stuff.

Storage class (VCI, Germany): 12 (non-flammable liquids in non-flammable packaging)

7.3 Specific end-uses : In-depth cleaning of treated and untreated wood surfaces indoor and outdoor

8. Exposure controls / Personal protection:

8.1 Exposure limit values

8.1.1 Occupational exposure limit values and / or biological limit values:

Oxalic acid : OELV (Germany, TRGS 900): 1mg/m³ (respirable fraction)
(Overflow factor: 1, duration of time: 15 min, average; 4x per shift;
interval 1 h; category I –substances for which the localized effect has an
assigned OEL or for substances with a sensitizing effect in respiratory
passages). Risk of skin resorption.

8.2 Limitation and monitoring of exposure

8.2.1 Appropriate engineering controls : When properly handled, no specific technical protection devices need to be installed.

8.2.2 Occupational exposure controls

Respiratory protection : Respiratory protection is to be used at spray application with formation of aerosols; recommendation: particle filter type P2 or P3.

Hand protection : By long-term hand contact use gloves, e.g. of natural or synthetic rubber.

Eye protection : During handling, e.g. when decanting or refilling, the use of eye glasses with side protection is recommended.

Protective clothing : When properly used, usual working clothes are sufficient.

General health and safety measures : Keep away from food, drinks and feeding stuffs; When using do not eat, drink, smoke or sniff.

8.2.3 Environmental exposure controls : Do not allow the product to enter soil/subsoil, surface water or drains.
Consult also *SECTIONS 6 and 7*.

9. Physical and chemical properties:

9.1 Information on basic physical and chemical properties

Form : slightly turbid liquid

Colour : colourless to slightly yellow

Odour : no typical smell

Odour threshold : no information available

Explosive properties : The mixture is not explosive, nor can be generated explosive vapour / air mixtures.

Lower explosion limit (LEL) : n.a.

Upper explosion limit (UEL) : n.a.

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	Vapour pressure	: approx. 15 hPa at 20°C, <110 hPa at 50°C (water)
	Boiling point / range	: approx. 100°C at 1013 hPa (water)
	Melting point / range	: n.d.
	Flash point	: n.a.
	Auto-ignition	: n.a.
	Auto-ignition temperature	: n.a.
	Water solubility	: Infinitely miscible
	Partition coefficient (Pow) (n-octanol / water)	: n.d.
	pH-value	: approx. 2 (100g in 1000ml of water)
	Density	: 1.0 g/ml (20°C)
	VOC-value	: 0,0 g/l (20°C)
	Flow time	: approx. 50 s (cup ISO 2431, 3 mm, 20°C)
9.2	Other information	: -
10. Stability and reactivity:		
10.1	Reactivity	: Not reactive at normal conditions.
10.2	Chemical stability	: Stable under normal conditions
10.3	Possibility of hazardous reactions:	Not known.
10.4	Conditions to be avoided	: When properly handled no risk bearing situations are to be expected. At temperatures below 5°C, reversible precipitations may occur.
10.5	Materials to be avoided	: In contact with alkaline substances an exothermic neutralization reaction takes place with a possible precipitation of product components.
10.6	Hazardous decomposition products:	At complete combustion only carbon dioxide and water are liberated. Under combustion conditions with lack of oxygen, toxic carbon monoxide can be formed.
11. Toxicological information:		
11.1	Acute effects	:
	Oxalic acid	
	- LD ₅₀ oral (rat)	: 375 mg/kg (ECHA)
11.2	Irritant and corrosive effects	: May irritate eyes, mucous membranes and the skin
11.3	Sensitization	: No sensitizing effects known.
11.4	Repeated dose toxicity	: Disturbance of the calcium metabolism (at high exposition). Formation of kidney stones.
11.5	CMR-effects (carcinogenity, mutagenicity and toxicity for reproduction):	No relevant data available
11.6	Toxicokinetics, metabolism and distribution:	No relevant data available
11.7	Other information	: Based on our experience and the information available, no adverse health effects are to be expected if handled as recommended with suitable precautionary measures.

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12. Ecological information:

- 12.1 Ecotoxicity :
- Oxalic acid
- LC₅₀ oral (fish) : 160 mg/kg (leuciscus idus)
- EC₅₀ oral (crustaceans) : 137 mg/kg (daphnia magna)
- 12.2 Persistence and degradability : The organic parts of the product are fully biodegradable.
- 12.3 Bioaccumulative potential : The individual components of the mixture do not indicate, according to type and quantity, any potential for bioaccumulation.
- 12.4 Mobility : No relevant data available
- 12.5 Results of PBT assessment : The components of the mixture do not meet the criteria for classification as PBT or vPvB.
- 12.6 Other adverse effects : Not known
- 12.7 Further ecological information :
- GWP (global warming potential): Due to the employment of natural ingredients no relevant contribution to global warming.
- AOX-contribution : The product does not contain relevant quantities of organically bound halogen as per formulation.
- 12.8 Other information : Do not allow the product to enter soil/subsoil, surface water or drains.

13. Disposal considerations:

- 13.1 Waste treatment methods
- Disposal of the product : Can be incinerated in compliance with directive 2008/98/EC and following the regulations of the authorities in charge.
- Small quantities may be disposed together with household waste observing the local regulations. Do not empty into drains.
- Waste classification : Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics (EWC 2002).
- Waste code : EWC 07 06 00
- Packaging : Uncleansed packaging must be disposed of in the same way as the product.
- Cleaned packaging : Waste code EWC 15 01 02 (plastic packaging)
- Recommendation : Re-use or recycle completely emptied and cleaned packages.
- Recommended cleansing agent: water.

14. Transport information:

- 14.1 UN-number : Not classified as dangerous according to the international transport regulations
- 14.2 UN proper shipping name
- ADR/RID : -
- IMDG-Code : -
- ICAO-TI / IATA-DGR : -

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14.3 Transport hazard classes

ADR/RID

Class	:	-
Classification code	:	-
Hazard identification number	:	-
Tunnel restriction code	:	-
Special provisions	:	-
Hazard label	:	-
Limited quantity	:	-

IMDG-Code:

Class	:	-
EmS No.	:	-
Stowage category	:	-
Limited Quantity	:	-

ICAO-TI und IATA-DGR:

Class	:	-
Packaging regulation passenger airplane	:	-
Packaging regulation cargo aircraft	:	-
Packing Group	:	-
Hazard label	:	-

14.4 Packing group : -

14.5 Environmental hazards

ADR/RID	:	-
IMDG-Code	:	-
ICAO-TI / IATA-DGR	:	-
Marine Pollutant	:	No

14.6 Special precautions for the user : -

15. Regulatory information:

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

EU-regulations (selection)

- Regulation (EC) No 1005/2009 (Substances, that deplete the ozone layer):
The mixture does not contain any ozone depleting ingredient covered by the regulation.
- Regulation (EC) No 850/2004 (Persistent organic pollutants):
The mixture does not contain any ingredient covered by the regulation
- Regulation (EC) No 1272/2008 (GHS): see present Material Safety Data Sheet
- Directive 2004/42/EC (Limitation of emissions of volatile organic compounds)

VOC-value of the mixture : 0,0 g/l

National regulations (selection):

- VwVwS (Germany, 17.05.1999) : WGK 1: slightly hazardous to water (self-classification)
(VwVwS: Administrative Order relating to substances hazardous to water)

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Further relevant regulations and indications: -

15.2 Safety assessment for the mixture : n.a.

*) The given information about legal regulations does not claim to be complete in the content, nor up-to-date. Other applicable rules and provisions may exist.

16. Other information:

The given statements are based on our present knowledge and experience; they show in particular no assurance of product features and justify no contractual legal relationship.

Wording of the hazard statements and precautionary statements according to Regulation (EC) No 1272/2008, referred to in *SECTIONS 2 to 15*:

Hazard statements

Acute toxicity, category 4 ; H312 : Harmful in contact with skin

Acute toxicity, category 4 ; H302 : Harmful if swallowed

Safety recommendations

P280 : Wear protective gloves/protective clothing/eye protection/face protection

P264 : Wash hands thoroughly after handling

P301 + P312 : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

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

References

Reach regulation (EC) No 1907/2006, last amended by regulation (EC) No 453/2010;

Regulation (EC) No 1272/2008 (GHS (EU-GHS), last amended by regulation (EC) No 286/2011

Internet:

<https://echa.europa.eu/safety-data-sheets>

16.1 Department issuing Material Safety Data Sheet : Bauwerk Parkett AG – Technical Service

16.2 Changes with regard to the previous version : The entire document has been revised according to the requirements set out in regulation (EC) No 1907/2006 and (EC) 2015/830 (see in particular changes in *SECTIONS 1, 2, 3, 6, 8, 15 and 16*).

Abbreviations / acronyms : n.a. = not applicable, n.d. = not determined

In regard to other abbreviations / acronyms see <http://www.wikipedia.org>

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