

Safety Data Sheet according to Appendix II of the directive 1907/2006/EU and regulation No. 453/2010/EU

**OTTO
OFFICE**

Trade name: Otto Office Allzweckreiniger
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Date of issue: 09 Jan 2017
Version: 1
Revised: 28 August 2017

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

Identification of the substance/mixture: Otto Office Allzweckreiniger

Product name: Otto Office Allzweckreiniger
Product number: 279419 / 23197

Use of the substance or mixture: Household and commercial cleaner

- **supplier:** Otto Office GmbH & Co. KG; Fabriciusstr. 105 a; 22177 Hamburg; Germany
- **Further information available from:** Sales Department, Tel.: +49 3693 41935 Fax: +49 3693 4193, Email: perladin@perladin.de
- **Emergency telephone number:** Emergency poison centre Berlin, Tel.: +49 30 19240 / +49 30 30686 790

Competent person for compiling the SDS: Christian Nürnberger-Technologieberatung
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2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

- Skin Irrit. 2, H315
- Eye Dam. 2, H319

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008



Attention

H315 Causes skin irritation.

H319 Causes serious eye irritation.

EUH208 Contains (R)-(+)-Limonene, citral, α -Pinen, β -Pinen; may cause an allergic reaction.

Safety instructions:

P280: Wear protective gloves/eye 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.

P332+P313 IF SKIN IRRITATION OCCURS: Get medical advice/attention.







P102: Keep out of reach of children.

2.3 Other hazards:

No special hazards known

3. Composition/ Information on ingredients

The product is a mixture of non-hazardous ingredients with

%	NAME OF THE SUBSTANCE	CAS	EC	REACH
< 5.0	Sodium laureth sulfate	68505-34-2	500-223-8	01-2119488639-16
	 Caution H315, H319			
2.5 -10.0	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	-	270-115-0	-
	 Caution H302			
<0.025	(R)-(+)-Limonene	5989-27-5	227-813-5	01-2119493353-35-XXXX
	 Hazard    H226, H304, H315, H317, H410 H-phrases: in full under position 16			

4. First aid measures

4.1 Description of first aid measures

- General:** Remove contaminated clothing.
- If inhaled:** Move to fresh air. Consult doctor if symptoms persist.
- In case of skin contact:** Rinse affected skin with plenty of water. Seek medical advice if irritation persists.
- In case of eye contact:** Remove contact lenses if present, hold the eyelids open and rinse for at least 10 min with clean, lukewarm water.
- If ingested:** Rinse mouth with water. Never administer anything by mouth to an unconscious person. Do not induce vomiting. Call a doctor.

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

Skin contact can cause irritation.

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

No further information available.

5. Firefighting measures

5.1 Suitable extinguishing media: Product is incombustible.

Unsuitable extinguishing media: Water jet

5.2. Special hazards arising from the substance or mixture: None

5.3. Precautions for firefighters: Dispose contaminated water which has been used for extinguishing fires according to local legislation.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Spilled product presents a significant slip hazard.

Environmental precautions: Do not release undiluted into waters.

Methods and material for containment and cleaning up: Dispose contaminated material according to local legislation.

7. Handling and storage

7.1 Handling

Precautions for safe handling: Do not get on skin or in the eyes.

Information on fire and explosion protection: No further information available.

7.2 Storage

Requirements for storage areas and containers: Store in a cool, dry place in tightly closed containers.

Requirements concerning the proximity from incompatible compounds: Store separately from foodstuffs and animal feed products.

7.3 Specific end uses: Alkaline multi-purpose cleaner for household and commercial use (garage cleaning)

8. Exposure Controls / Personal Protection

8.1 Specific control parameters:

DNEL: No information available

AGW: No information available

PNEC: No information available

8.2 Exposure controls

Risk management

Collective safety precautions:

No special measures required for intended use.

Individual safety precautions:

Respiratory protection: Not required.

Hand protection: Protective gloves in the case of prolonged use (nitrile rubber, chloroprene rubber)

Eye protection: Goggles

Skin and body protection: Standard protective clothing

Industrial hygiene: Do not eat, drink, smoke or chew tobacco on the job.
Keep away from food, beverage and animal feed products.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

8.2.2 Environmental control

Do not release undiluted into sewers or surface water.

9. Physical and Chemical Properties

9.1 General information

Form: Liquid
Colour: Red
Odour: Citrusy

9.2 Important information on health, environmental and safety precautions

Melting point/range: Not determined
Boiling point/range: 100°C
Flash point: Not applicable
Autoflammability: Product is not self-igniting
pH (undiluted solution) 9.5
Density (at 20° C): 1.03

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Solubility in water: Infinitely miscible with water

Viscosity: Not determined

9.3 Other Information

No further information available.

10. Stability and Reactivity

10.1 Reactivity

Reactions with acidic media observed.

10.2 Chemical stability

The product does not decompose during storage or the recommended use.

10.3 Possibility of hazardous reactions

Strong reaction with acids

10.4 Conditions to be avoided

High temperatures

10.5 Substances to be avoided

Aluminium

10.6 Hazardous decomposition products

Not known

11. Toxicological Information

Acute Toxicity	Symptoms: Irritation of the mucous membranes in the mouth, throat, esophagus and gastrointestinal tract; vomiting		
Acute Toxicity (oral):	Component 68505-34-2	LD50	4100 mg/kg (rat)
	Sodium laureth sulfate		
Acute Toxicity (dermal):	Component 68505-34-2	LD50	<2000 mg/kg (rat)
	Sodium laureth sulfate		
Inhalation toxicity:	Component 68505-34-2	LC50/4h	Not determined
	Sodium laureth sulfate		

12. Ecological Information

12.1 Ecotoxicity

Fish Toxicity	Component	Species	Type	Exposure time	Value
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	Component	Species	Type	Exposure time	Value
Daphnia Toxicity	68505-34-2 Sodium laureth sulfate	Rainbow trout	LC50	96h	7.1 mg/l
	68505-34-2 Sodium laureth sulfate	Daphnia magna	EC50	48h	7.2 mg/l
Toxicity to aquatic plants	68505-34-2 Sodium laureth sulfate	Green algae	EC50	26h	7.5 mg/l

12.2 Mobility in soil

No relevant information available.

12.3 Persistence and Degradability

This product complies with the standards of biological degradability according to regulation No. 648/2004(EC) (detergents).

12.4 Bio accumulative potential

Bio-accumulation in organisms is not expected.

12.5 Results of PBT and vPvB Assessment

The compound does not meet the criteria for PBT or vPvB according to regulation No. 1907/2006(EC), appendix XIII

12.6 Other adverse effects

No further relevant information available.

13. Disposal Considerations

Product: Disposal according to legal regulations.

Uncleaned packaging: Disposal according to legal regulations.

14. Transport Information

This information applies to transport via road/rail (ADR/RID) • inland waterways (ADN/ANDR) • ocean (IMDG) • air (IATA, ICAO)

Not classified as hazardous according to the above regulations.

EC regulations:

Regulation (EC) No. 1005/2009 (Substances that deplete the ozone layer): Not applicable

Regulation (EC) No. 850/2004 (Persistent organic pollutants): Not applicable

Regulation (EC) No. 689/2008 (Export and import of dangerous chemicals): Not applicable

Restrictions according to section VIII of Regulation (EC) No. 1907/2006 (REACH): None

National regulations (Germany):

Classification according to BetrSichV:
Water hazard classification: WGK 1 (VwVwS Appendix 4): low hazard to waters (self-classification)
DetergentienVO
Determining components for labelling:
<10.0% nonionic surfactants, <5.0 % anionic surfactants, dye, (R)-(+)-Limonene, citral, α -Pinen, β -Pinen; my cause an allergic reaction.

Chemical safety assessment:

This product contains substances for which no chemical assessment is required. Therefore, no chemical safety assessment has been carried out for the mixture.

16. Other information

H-phrases from section 3:

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled..
H412 Harmful to aquatic life with long-lasting effects.
EUH208 Contains (R)-(+)-Limonene, citral, α -Pinen, β -Pinen; my cause an allergic reaction.

Training information:

Provide proper information, instruction and training for operators and employees.

Sources:

Appendix II of the directive 1907/2006/EC and regulation (EC) No. 453/2010

Data Sheet issued by, commissioned by the supplier/distributor:

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. It does not establish any legal relationship.