

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 1 of 8

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

Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)

UFI: X300-P0FF-800D-G409

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

Cleaning agent

The product is intended for consumer use.

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name: Bavariapool Thomas Emmerichs GmbH

Street: Gewerbering 11

Place: D-82140 Olching

Telephone: +49 8142 445040

Telefax: +49 8142 4450410

E-mail: info@bavariapool.de

Contact person: Labor

Internet: www.bavariapool.de

**Supplier**

Company name: BSH Home Appliances Ltd.

Street: M50 Business Park

Place: IRL-Dublin 12 Ballymount

Telephone: 01450 2655

E-mail: mks-spares-ie@bshg.com

**1.4. Emergency telephone**

NPIC emergency number: 01 809 2133

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

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****Additional advice on labelling**

not relevant

**2.3. Other hazards**

none

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

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
584-08-7	Potassium carbonate			1 - < 5 %
	209-529-3		01-2119532646-36	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			

Full text of H and EUH statements: see section 16.

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 2 of 8

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
584-08-7	209-529-3	Potassium carbonate	1 - < 5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	

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

&lt; 5 % amphoteric surfactants, &lt; 5 % non-ionic surfactants.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Change contaminated clothing.

**After inhalation**

In all cases of doubt, or when symptoms persist, seek medical advice.

**After contact with skin**

Wash with plenty of water/soap.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Medical treatment necessary.

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

Gastrointestinal complaints, Nausea.

Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out.

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

First Aid, decontamination, treatment of symptoms.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Water, Foam, Dry extinguishing powder, ABC-powder, Carbon dioxide (CO<sub>2</sub>).

Co-ordinate fire-fighting measures to the fire surroundings.

**5.2. Special hazards arising from the substance or mixture**In case of fire may be liberated: Nitrogen oxides (NO<sub>x</sub>), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide.**5.3. Advice for firefighters**

The product itself does not burn. Use appropriate respiratory protection.

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

Avoid contact with skin, eyes and clothes. Special danger of slipping by leaking/spilling product.

**6.2. Environmental precautions**

No special environmental protection measures are necessary.

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

Suitable material for diluting or neutralizing: Water. Clear contaminated areas thoroughly.

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 3 of 8

**Other information**

Treat the recovered material as prescribed in the section on waste disposal.

**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**

No special handling instructions are necessary.

**Advice on protection against fire and explosion**

The product itself does not burn.

**Advice on general occupational hygiene**

Avoid contact with skin, eyes and clothes.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Suitable container/equipment material: Polyethylene.

**Hints on joint storage**

Materials to avoid: Acid.

**Further information on storage conditions**

Do not store at temperatures under: 5°C.

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

Observe instructions for use.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****DNEL/DMEL values**

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
584-08-7	Potassium carbonate			
Worker DNEL, long-term		inhalation	local	10,0 mg/m³

**Additional advice on limit values**

Does not contain substances above concentration limits fixing an occupational exposure limit.

**8.2. Exposure controls****Appropriate engineering controls**

See section 7. No additional measures necessary.

**Individual protection measures, such as personal protective equipment****Skin protection**

No special measures are necessary.

**Respiratory protection**

Usually no personal respirative protection necessary.

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Filter: P1 / P2.

**Environmental exposure controls**

No special measures are necessary.

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 4 of 8

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

Physical state:	liquid	
Colour:	light yellow, clear	
Odour:	odourless	
Melting point/freezing point:		not applicable
Boiling point or initial boiling point and boiling range:		100 °C
Flammability:		not applicable
Lower explosion limits:		not applicable
Upper explosion limits:		not applicable
Flash point:		not applicable
Auto-ignition temperature:		not applicable
Decomposition temperature:		not determined
pH-Value (at 20 °C):		10,5
Viscosity / kinematic:		not determined
Water solubility:		miscible.
Solubility in other solvents		
No data available		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		23 hPa
(at 20 °C)		
Vapour pressure:		123 hPa
(at 50 °C)		
Density (at 20 °C):		1,016 g/cm <sup>3</sup>
Bulk density:		not applicable
Relative vapour density:		not determined

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties	
not explosive.	
Self-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Oxidizing properties	
Not oxidising.	

**Other safety characteristics**

Evaporation rate:	not determined
Solvent separation test:	not applicable
Solvent content:	not applicable
Solid content:	not determined
Viscosity / dynamic:	not determined
Flow time:	not determined

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

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 5 of 8

**10.3. Possibility of hazardous reactions**

Exothermic reaction with: Acid.

**10.4. Conditions to avoid**

Protect from direct sunlight.

**10.5. Incompatible materials**

Acid.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Toxicokinetics, metabolism and distribution**

There are no data available on the mixture itself.

**Acute toxicity**

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

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
584-08-7	Potassium carbonate				
	oral	LD50 > 2000 mg/kg	Rat		OECD 401
	dermal	LD50 > 2000 mg/kg	Rabbit		

**Irritation and corrosivity**

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

In rare cases the product can cause temporary erythema of the skin.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**Specific effects in experiment on an animal**

No data available

**11.2. Information on other hazards****Endocrine disrupting properties**

not applicable

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

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 6 of 8

biodegradability of activated sludge.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
584-08-7	Potassium carbonate					
	Acute fish toxicity	LC50	68 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute crustacea toxicity	EC50	200 mg/l	48 h	Daphnia pulex (water flea)	

**12.2. Persistence and degradability**

The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**12.4. Mobility in soil**

If product enters soil, it will be mobile and may contaminate groundwater.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.  
not applicable

**12.7. Other adverse effects**

not relevant

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

Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

**List of Wastes Code - used product**

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

**List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Water. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 7 of 8

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

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

not relevant

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

not relevant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): 0 %

**Additional information**

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**National regulatory information**

Water hazard class (D): - - non-hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

Indication of changes: section 6, 11, 12

**Safety Data Sheet**

according to Regulation (EC) No 2020/878

**Degreaser for home appliances (article-no. 00311781, 00311908, 00312207)**

Revision date: 13.06.2024

Product code: 00312207

Page 8 of 8

**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%  
Skin Irrit: Skin irritation  
Eye Irrit: Eye irritation  
STOT SE: Specific target organ toxicity - single exposure

**Relevant H and EUH statements (number and full text)**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

**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.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*