

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 1 of 13

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

#### 1.1. Product identifier

BORT Spezial-Waschmittel

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

##### Use of the substance/mixture

Washing and cleaning products: Consumer use of washing and cleaning products, Professional use of laundry products.

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

Company name:	BORT GmbH	
Street:	Am Schweizerbach 1	
Place:	D-71384 Weinstadt-Benzbach	
Telephone:	+49 7151 - 9 92 00 0	Telefax: +49 7151 - 9 92 00 50
e-mail:	medical@bort.com	
Internet:	www.bort.com	

#### 1.4. Emergency telephone number:

Outside normal business hours:  
UK: NHS 111

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



##### Hazard statements

H319 Causes serious eye irritation.

##### Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P264	Wash hands thoroughly after handling.
P280	Wear eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Behälter nur völlig restentleert der Wertstoffsammlung zuführen.

##### Additional advice on labelling

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

#### 2.3. Other hazards

Special danger of slipping by leaking/spilling product.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 2 of 13

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			1 - < 5 %
	307-055-2		01-2119489924-20	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
68439-51-0	Alcohols, C12-14, ethoxylated propoxylated			1 - < 5 %
	614-484-1			
	Aquatic Chronic 3; H412			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			1 - < 5 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)			1 - < 5 %
	931-329-6		01-2119490100-53	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411			

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

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

5 % - < 15 % anionic surfactants, < 5 % non-ionic surfactants, perfumes (Linalool, Limonene), preservation agents (2-Bromo-2-nitropropane-1,3-diol).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

#### After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated, saturated clothing.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Seek medical advice immediately.

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

No information available.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 3 of 13

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

#### **Unsuitable extinguishing media**

Full water jet

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

Non-flammable.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water. Special danger of slipping by leaking/spilling product.

## SECTION 6: Accidental release measures

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

Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). 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**

Avoid contact with skin and eyes.

#### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

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

#### **Requirements for storage rooms and vessels**

Keep container tightly closed.

#### **Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

#### **Further information on storage conditions**

Protect against: Frost, Heat. Protect against direct sunlight. Recommended storage temperature: 10°C - 25°C .

### 7.3. Specific end use(s)

Washing and cleaning products: Consumer use of washing and cleaning products, Professional use of laundry products.

Spezial-Waschmittel Konzentrat für medizinische Kompressionsstrümpfe und Bandagen

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 4 of 13

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts			
Worker DNEL, acute		dermal	local	2,8 mg/cm <sup>2</sup>
Worker DNEL, long-term		dermal	systemic	5 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	35 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	local	2,8 mg/cm <sup>2</sup>
Consumer DNEL, acute		dermal	local	2,8 mg/cm <sup>2</sup>
Consumer DNEL, long-term		dermal	systemic	3,57 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	12,4 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	7,1 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	2,8 mg/cm <sup>2</sup>
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			
Worker DNEL, long-term		dermal	systemic	2750 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	175 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	1650 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	15 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	52 mg/m <sup>3</sup>
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)			
Worker DNEL, long-term		inhalation	systemic	73,4 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	4,16 mg/kg bw/day
Worker DNEL, long-term		dermal	local	0,0936 mg/cm <sup>2</sup>
Consumer DNEL, long-term		inhalation	systemic	21,73 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	2,5 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	0,0562 mg/cm <sup>2</sup>
Consumer DNEL, long-term		oral	systemic	6,25 mg/kg bw/day

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 5 of 13

#### PNEC values

CAS No	Substance	Value
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts	
	Freshwater	0,04 mg/l
	Freshwater (intermittent releases)	0,06 mg/l
	Marine water	0,004 mg/l
	Freshwater sediment	9,4 mg/kg
	Marine sediment	0,94 mg/kg
	Secondary poisoning	53,3 mg/kg
	Micro-organisms in sewage treatment plants (STP)	600 mg/l
	Soil	9,4 mg/kg
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
	Freshwater	0,24 mg/l
	Freshwater (intermittent releases)	0,071 mg/l
	Marine water	0,024 mg/l
	Freshwater sediment	0,9168 mg/kg
	Marine sediment	0,09168 mg/kg
	Micro-organisms in sewage treatment plants (STP)	10000 mg/l
	Soil	7,5 mg/kg
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	
	Freshwater	0,007 mg/l
	Freshwater (intermittent releases)	0,024 mg/l
	Marine water	0,0007 mg/l
	Freshwater sediment	0,195 mg/kg
	Marine sediment	0,0195 mg/kg
	Micro-organisms in sewage treatment plants (STP)	830 mg/l
	Soil	0,034,8 mg/kg

#### 8.2. Exposure controls



##### Protective and hygiene measures

Change contaminated, saturated clothing. Wash hands before breaks and after work. Apply skin care products after work. When using do not eat or drink.

##### Eye/face protection

Suitable eye protection: Eye glasses with side protection .

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Suitable material: rubber gloves.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 6 of 13

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

Usually no personal respirative protection necessary.

### SECTION 9: Physical and chemical properties

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

Physical state:	Liquid Liquid
Colour:	light yellow
Odour:	characteristic: cinnamon-like
pH-Value (at 20 °C):	9

#### Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	100 °C
Flash point:	not determined

#### Flammability

Solid:	not applicable
Gas:	not applicable

#### Explosive properties

Not explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	> 300 °C

#### Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature:	not determined
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#### Oxidizing properties

Not applicable.

Vapour pressure: (at 20 °C)	18 hPa
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Density (at 20 °C):	1,05 g/cm <sup>3</sup>
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Water solubility: (at 20 °C)	completely miscible
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#### Solubility in other solvents

not determined

Partition coefficient:	not determined
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Viscosity / dynamic: (at 20 °C)	20 - 50 mPa·s
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Vapour density:	not determined
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Evaporation rate:	not determined
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#### 9.2. Other information

Solid content:	not determined
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## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 7 of 13

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

##### 10.2. Chemical stability

No decomposition if used as directed.

##### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

##### 10.4. Conditions to avoid

None known.

##### 10.5. Incompatible materials

None known.

##### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts				
	oral	LD50 >500 - 2000 mg/kg	rat		OECD 401
	dermal	LD50 > 2000 mg/kg	mouse		
68439-51-0	Alcohols, C12-14, ethoxylated propoxylated				
	oral	LD50 >2000 - <5000 mg/kg	Rat		OECD 401
	dermal	LD50 >5000 mg/kg	Rat		OECD 402
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
	oral	LD50 2870 - 4100 mg/kg	Rat	Echa	
	dermal	LD50 > 2000 mg/kg	Rat	Echa	
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rabbit		OECD 404

###### Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

###### Sensitising effects

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**BORT Spezial-Waschmittel**

Revision date: 04.02.2020

Product code: 3266

Page 8 of 13

**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.

**Additional information on tests**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

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

The product is not: Ecotoxic.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**BORT Spezial-Waschmittel**

Revision date: 04.02.2020

Product code: 3266

Page 9 of 13

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts					
	Acute fish toxicity	LC50 >1,0- 10 mg/l	96 h	Brachydanio rerio (zebra fish)		OECD 203
	Acute algae toxicity	ErC50 > 61 mg/l	72 h	Scenedesmus subspicatus		OECD 201
	Acute crustacea toxicity	EC50 9,81 mg/l	48 h	Daphnia magna (Water flea)		OECD 202
	Fish toxicity	NOEC 0,85 - 2 mg/l	28 d	Fish	Echa	
	Algae toxicity	NOEC 20,1 mg/l	3 d	Aquatic Algae and Cyanobacteria	Echa	
	Crustacea toxicity	NOEC 0,36 - 1 mg/l	22 d	Aquatic Invertebrates	Echa	
68439-51-0	Alcohols, C12-14, ethoxylated propoxylated					
	Acute fish toxicity	LC50 >1 - 10 mg/l	96 h	48h, Leuciscus idus (golden orfe)		DIN 38412 / part 15
	Acute algae toxicity	ErC50 >1 - 10 mg/l	72 h	Desmodesmus subspicatus		OECD 201
	Acute crustacea toxicity	EC50 >1 - 10 mg/l	48 h	24h, Daphnia magna (Big water flea)		OECD 202
	Crustacea toxicity	NOEC >0,1 - 1 mg/l		Daphnia magna (Big water flea)		OECD 211
	Acute bacteria toxicity	(EC0=>100 mg/l)		Pseudomonas putida		OECD 209
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts					
	Acute fish toxicity	LC50 7,1 mg/l	96 h	Brachydanio rerio (zebra-fish)		ISO 7346
	Acute algae toxicity	ErC50 27 - 27,7 mg/l	72 h	Aquatic Algae and Cyanobacteria	Echa	
	Acute crustacea toxicity	EC50 7,2 - 7,4 mg/l	48 h	Daphnia magna (Big water flea)		
	Fish toxicity	NOEC 1 mg/l	45 d	Fish	Echa	
	Algae toxicity	NOEC 0,93 - 0,95 mg/l	3 d	Aquatic Algae and Cyanobacteria	Echa	
	Crustacea toxicity	NOEC 0,27 mg/l	21 d	Aquatic Invertebrates	Echa	
	Acute bacteria toxicity	(> 100 mg/l)		Pseudomonas putida		OECD 209
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)					
	Acute fish toxicity	LC50 2,4 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		OECD 203
	Acute algae toxicity	ErC50 3,9 mg/l	72 h	Desmodesmus subspicatus		OECD 201
	Acute crustacea toxicity	EC50 3,2 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202
	Fish toxicity	NOEC 0,32 mg/l	28 d	Oncorhynchus mykiss (Rainbow trout)		OECD 204
	Algae toxicity	NOEC 0,3 mg/l	3 d	Desmodesmus subspicatus		OECD 201
	Crustacea toxicity	NOEC 0,07 mg/l	21 d	Daphnia magna (Big water flea)		OECD 211

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 10 of 13

	Acute bacteria toxicity	(6000 mg/l)		Pseudomonas sp.		DIN 38412 / part 8
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#### **12.2. Persistence and degradability**

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.

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts				
	Biodegradation, OECD 301B		78 %	28	
	Readily biodegradable (according to OECD criteria).				
	Biodegradation, OECD 301E		89 %	28	
	Readily biodegradable (according to OECD criteria).				
	Biodegradation, OECD 303A		96,2 %	34	
	Readily biodegradable (according to OECD criteria).				
68439-51-0	Alcohols, C12-14, ethoxylated propoxylated				
	Biodegradation, OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D		> 60%	28	
	Readily biodegradable (according to OECD criteria).				
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
	Biodegradation, OECD 302B/ ISO 9888/ EEC 92/69/V, C.9		> 80%		
	Readily biodegradable (according to OECD criteria).				
	Biodegradation, OECD 301E/ EEC 92/69/V, C.4-B		> 95%	28	
	Readily biodegradable (according to OECD criteria).				
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)				
	Biodegradation, OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C		93 %	28	
	Readily biodegradable (according to OECD criteria).				
	Chemical oxygen demand (COD), DIN 38409 / part 51		2209 mg/L		
	Biochemical oxygen demand (BOD), EN 1899-1		590 mg/g	5	

#### **12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

#### **Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
97489-15-1	Sulfonic acids, C14-17-sec-alkane, sodium salts	0,2
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	0,3
68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	1,35 - 4,84

#### **12.4. Mobility in soil**

no data available

#### **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.

#### **12.6. Other adverse effects**

no data available

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 11 of 13

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

##### Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

##### Waste disposal number of used product

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

##### Waste disposal number of 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

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

<b><u>14.1. UN number:</u></b>	No dangerous good in sense of this transport regulation.
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## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### BORT Spezial-Waschmittel

Revision date: 04.02.2020

Product code: 3266

Page 12 of 13

**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**

No dangerous good in sense of this transport regulation.

#### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No dangerous good in sense of this transport regulation.

### 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): 3,305 % (34,707 g/l)

##### **Additional information**

Regulation (EC) No. 648/2004 (Detergents regulation).

##### **National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 2 - clearly water contaminating

#### **15.2. Chemical safety assessment**

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

### SECTION 16: Other information

#### **Changes**

This data sheet contains changes from the previous version in section(s): 2.

#### **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%

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**BORT Spezial-Waschmittel**

Revision date: 04.02.2020

Product code: 3266

Page 13 of 13

**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.)*