

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

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

- **1.1 Product identifier**
- **Trade name:** Basta Wheel Cleaner with indicator
- **Article number:** 5982151
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Exterior vehicle cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Basta Active Car Care A/S  
Mesterlommen 1  
DK-2820 Gentofte  
Denmark  
Tlf: +45 45 881 882  
Fax: +45 45 873 874  
info@bastacarcare.dk / www.bastacarcare.dk
- **Further information obtainable from:** info@bastacarcare.dk
- **1.4 Emergency telephone number:**  
Contact The National Poisons Information Service

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Eye Dam. 1 H318 Causes serious eye damage.  
Acute Tox. 4 H302 Harmful if swallowed.  
Skin Irrit. 2 H315 Causes skin irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.

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- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
Xn; Harmful  
R22: Harmful if swallowed.  
Xi; Irritant  
R36: Irritating to eyes.  
Xi; Sensitising  
R43: May cause sensitisation by skin contact.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

EU

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

Trade name: **Basta Wheel Cleaner with indicator**

(Contd. of page 1)

· **Hazard pictograms**

GHS05 GHS07

· **Signal word** *Danger*· **Hazard-determining components of labelling:**

*sodium mercaptoacetate*  
*methanesulphonic acid*  
*2-butoxyethanol*  
*D-Glucopyranose, oligomers, decyl octyl glycosides*

· **Hazard statements**

*H302 Harmful if swallowed.*  
*H315 Causes skin irritation.*  
*H318 Causes serious eye damage.*  
*H317 May cause an allergic skin reaction.*

· **Precautionary statements**

*P101 If medical advice is needed, have product container or label at hand.*  
*P102 Keep out of reach of children.*  
*P103 Read label before use.*  
*P261 Avoid breathing mist/vapours/spray.*  
*P280 Wear protective gloves / 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.*  
*P310 Immediately call a POISON CENTER/doctor.*  
*P302+P352 IF ON SKIN: Wash with plenty of water.*  
*P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **2.3 Other hazards**· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**· **Description:** Mixture of substances listed below with nonhazardous additions.· **Dangerous components:**

CAS: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24-XXXX	<i>sodium mercaptoacetate</i> <i>T R25; Xn R21; Xi R43</i> ----- <i>Acute Tox. 3, H301; Met. Corr.1, H290; Acute Tox. 4, H312;</i> <i>Skin Sens. 1, H317</i>	2,5-10%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 Reg.nr.: 01-2119475108-36	<i>2-butoxyethanol</i> <i>Xn R20/21/22; Xi R36/38</i> ----- <i>Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332;</i> <i>Skin Irrit. 2, H315; Eye Irrit. 2, H319</i>	2,5-10%

(Contd. on page 3)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

**Trade name: Basta Wheel Cleaner with indicator**

(Contd. of page 2)

CAS: 75-75-2 EINECS: 200-898-6 Index number: 607-145-00-4 Reg.nr.: 01-2119491166-34	methanesulphonic acid C R34 Met. Corr.1, H290; Skin Corr. 1B, H314	≤ 2,5%
CAS: 126-92-1 EINECS: 204-812-8 Reg.nr.: 01-2119971586-23-0002	sodium etasulfate Xi R38-41 Eye Dam. 1, H318; Skin Irrit. 2, H315	≤ 2,5%
CAS: 68515-73-1 NLP: 500-220-1	D-Glucopyranose, oligomers, decyl octyl glycosides Xi R41 Eye Dam. 1, H318	≤ 2,5%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25	propan-2-ol Xi R36; F R11 R67 Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	≤ 2,5%
CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8	2-aminoethanol C R34; Xn R20/21/22 Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335	≤ 2,5%

**· Regulation (EC) No 648/2004 on detergents / Labelling for contents**

amphoteric surfactants, anionic surfactants, non-ionic surfactants

< 5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Rinse mouth.  
Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
Carbon dioxide  
Foam  
Water spray  
Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

**Trade name: Basta Wheel Cleaner with indicator**

(Contd. of page 3)

- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**  
Prevent from spreading (e.g. by damming-in or oil barriers).  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
When using do not eat or drink.  
When using do not smoke.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Protect from frost.  
Protect from heat and direct sunlight.
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

111-76-2 2-butoxyethanol

IOELV	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm
	Long-term value: 98 mg/m <sup>3</sup> , 20 ppm
	Skin

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

Trade name: **Basta Wheel Cleaner with indicator**

(Contd. of page 4)

**141-43-5 2-aminoethanol**

IOELV Short-term value: 7,6 mg/m<sup>3</sup>, 3 ppm  
Long-term value: 2,5 mg/m<sup>3</sup>, 1 ppm  
Skin

· **DNELs****367-51-1 sodium mercaptoacetate**

Oral	Long term - systemic effects, general population	0,002 mg/kg bw/day (general population)
Dermal	Long term - local effects, general population	0,004 mg/cm <sup>2</sup> (general population)
	Long-term - local effects, worker	0,004 mg/cm <sup>2</sup> (worker)
	Long-term - systemic effects, worker	2,06 mg/kg bw/day (worker)
Inhalative	Long term - systemic effects, general population	0,348 mg/m <sup>3</sup> (general population)
	Long-term - systemic effects, worker	1,41 mg/m <sup>3</sup> (worker)

**111-76-2 2-butoxyethanol**

Oral	Acute - systemic effects, general population	13,4 mg/kg bw/day (general population) (24 h)
	Long term - systemic effects, general population	3,2 mg/kg bw/day (worker) (24 h)
Dermal	Acute - systemic effects, general population	44,5 mg/kg (general population) (24 h)
	Acute - systemic effects, worker	89 mg/kg (worker) (24 h)
	Long term - systemic effects, general population	38 mg/kg bw/day (general population) (24 h)
Inhalative	Long-term - systemic effects, worker	75 mg/kg bw/day (worker) (24 h)
	Acute - local effects, general population	123 mg/m <sup>3</sup> (general population)
	Acute - local effects, worker	246 mg/m <sup>3</sup> (worker)
	Acute - systemic effects, general population	426 mg/m <sup>3</sup> (general population)
	Acute - systemic effects, worker	663 mg/m <sup>3</sup> (worker)
	Long term - systemic effects, general population	49 mg/m <sup>3</sup> (general population)
	Long-term - systemic effects, worker	98 mg/m <sup>3</sup> (worker)

**57-55-6 propane-1,2-diol**

Oral	Long term - systemic effects, general population	85 mg/kg bw/day (general population)
Dermal	Long term - systemic effects, general population	213 mg/kg bw/day (general population)
Inhalative	Long term - local effects, general population	10 mg/m <sup>3</sup> (general population)
	Long term - systemic effects, general population	50 mg/m <sup>3</sup> (general population)
	Long-term - local effects, worker	10 mg/m <sup>3</sup> (worker)
	Long-term - systemic effects, worker	168 mg/m <sup>3</sup> (worker)

**75-75-2 methanesulphonic acid**

Dermal	Long term - systemic effects, general population	8,33 mg/kg bw/day (general population)
	Long-term - systemic effects, worker	19,44 mg/kg bw/day (worker)
Inhalative	Acute - systemic effects, general population	1,44 mg/m <sup>3</sup> (general population)
	Long term - systemic effects, general population	1,44 mg/m <sup>3</sup> (general population)
	Long-term - local effects, worker	2,89 mg/m <sup>3</sup> (worker)

**126-92-1 sodium etasulfate**

Oral	Long term - systemic effects, general population	24 mg/kg bw/day (general population)
Dermal	Long term - systemic effects, general population	2440 mg/kg bw/day (general population)
	Long-term - systemic effects, worker	4060 mg/kg bw/day (worker)
Inhalative	Long term - systemic effects, general population	85 mg/m <sup>3</sup> (general population)

(Contd. on page 6)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

**Trade name: Basta Wheel Cleaner with indicator**

(Contd. of page 5)

	Long-term - systemic effects, worker	285 mg/m <sup>3</sup> (worker)
<b>67-63-0 propan-2-ol</b>		
Oral	Long term - systemic effects, general population	26 mg/kg bw/day (general population)
Dermal	Long term - systemic effects, general population	319 mg/kg bw/day (general population)
	Long-term - systemic effects, worker	888 mg/kg bw/day (worker)
Inhalative	Long term - systemic effects, general population	89 mg/m <sup>3</sup> (general population)
	Long-term - systemic effects, worker	500 mg/m <sup>3</sup> (worker)
<b>141-43-5 2-aminoethanol</b>		
Oral	Long term - systemic effects, general population	3,75 mg/kg bw/day (general population)
Dermal	Long term - systemic effects, general population	0,24 mg/kg bw/day (general population)
	Long-term - systemic effects, worker	1 mg/kg bw/day (worker)
Inhalative	Long term - local effects, general population	2 mg/m <sup>3</sup> (general population)
	Long term - systemic effects, general population	2 mg/m <sup>3</sup> (general population)
	Long-term - local effects, worker	3,3 mg/m <sup>3</sup> (worker)
	Long-term - systemic effects, worker	3,3 mg/m <sup>3</sup> (worker)
<b>· PNECs</b>		
<b>367-51-1 sodium mercaptoacetate</b>		
	Aquatic compartment - freshwater	38 mg/l (freshwater)
	Aquatic compartment - marine water	3,8 mg/l (marine water)
	sewage treatment plant	3,2 mg/l (sewage treatment plant)
<b>57-55-6 propane-1,2-diol</b>		
	Aquatic compartment - freshwater	260 mg/l (Sweet Water / Süßwasser)
	Aquatic compartment - marine water	26 mg/l (marine water)
	Aquatic compartment - sediment in freshwater	572 mg/kg sed dw (Sweet Water / Süßwasser)
	Aquatic compartment - sediment in marine water	57,2 mg/kg sed dw (marine water)
	Aquatic compartment - water, intermittent releases	183 mg/l (intermittent release water)
	Terrestrial compartment - soil	50 mg/kg dw (soil)
	sewage treatment plant	20000 mg/l (sewage treatment plant)
<b>75-75-2 methanesulphonic acid</b>		
	Aquatic compartment - freshwater	0,012 mg/l (Sweet Water / Süßwasser)
	Aquatic compartment - marine water	0,0012 mg/l (marine water)
	Aquatic compartment - sediment in freshwater	0,0251 mg/kg sed dw (sediment fresh water)
	Aquatic compartment - water, intermittent releases	0,12 mg/l (intermittent release water)
	Terrestrial compartment - soil	0,00183 mg/kg dw (soil)
	sewage treatment plant	100 mg/l (sewage treatment plant)
<b>126-92-1 sodium etasulfate</b>		
	Aquatic compartment - freshwater	0,1357 mg/l (freshwater)
	Aquatic compartment - marine water	0,0136 mg/l (marine water)
	Aquatic compartment - sediment in freshwater	1,5 mg/kg sed dw (sediment fresh water)
	Aquatic compartment - sediment in marine water	0,15 mg/kg sed dw (sediment marine water)
	Terrestrial compartment - soil	0,22 mg/kg dw (soil)
	sewage treatment plant	1,35 mg/l (sewage treatment plant)

(Contd. on page 7)

EU



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

Trade name: **Basta Wheel Cleaner with indicator**

(Contd. of page 6)

**67-63-0 propan-2-ol**

Aquatic compartment - freshwater	140,9 mg/l (Sweet Water / Süßwasser)
Aquatic compartment - marine water	140,9 mg/l (marine water)
Aquatic compartment - sediment in freshwater	552 mg/kg sed dw (sediment fresh water)
Aquatic compartment - sediment in marine water	552 mg/kg sed dw (sediment marine water)
Aquatic compartment - water, intermittent releases	140,9 mg/l (intermittent release water)
Oral secondary poisoning	160 mg/kg food (food sec poisoning)
Terrestrial compartment - soil	28 mg/kg dw (soil)
sewage treatment plant	2251 mg/l (sewage treatment plant)

**141-43-5 2-aminoethanol**

Aquatic compartment - freshwater	0,085 mg/l (Sweet Water / Süßwasser)
Aquatic compartment - marine water	0,0085 mg/l (marine water)
Aquatic compartment - sediment in freshwater	0,425 mg/kg sed dw (Sweet Water / Süßwasser)
Aquatic compartment - sediment in marine water	0,0425 mg/kg sed dw (marine water)
Aquatic compartment - water, intermittent releases	0,025 mg/l (intermittent release water)
Terrestrial compartment - soil	0,035 mg/kg dw (soil)
sewage treatment plant	100 mg/l (sewage treatment plant)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

Combination filter A-P1

· **Protection of hands:** Protective gloves· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Butyl rubber, BR

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

**Form:** Fluid

**Colour:** Blue

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

(Contd. on page 8)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

**Trade name: Basta Wheel Cleaner with indicator**

(Contd. of page 7)

- **pH-value at 20 °C:** 5,5 (DIN 19268)
- **Change in condition**
  - Melting point/Melting range:** Undetermined.
  - Boiling point/Boiling range:** ca. 100 °C
- **Flash point:** Not determined.
- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:** Not determined.
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Oxidising properties** Not determined.
- **Vapour pressure:** Not applicable.
- **Density:**
  - Relative density at 20 °C** 1,08 g/cm<sup>3</sup> (DIN 51757)
  - Vapour density** Not determined.
- **Solubility in / Miscibility with water:** Fully miscible.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Kinematic at 20 °C:** 40 s (ISO 4 mm)
- **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

**367-51-1 sodium mercaptoacetate**

Oral	LD50	50 mg/kg (rat) (OECD 423)
Dermal	LD50	1000 mg/kg (rat) (OECD 402)
Inhalative	LD50/4h	> 2729 mg/l (rat) (OECD 403)

(Contd. on page 9)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

Trade name: **Basta Wheel Cleaner with indicator**

(Contd. of page 8)

	NOEL (Subchronic Dermal Toxicity)	22,5 mg/kg bw/d (rat) (OECD 411)
	NOEL (Teratogenicity)	100 mg/kg (rat)
	NOEL (Two-generation Reproduction Toxicity Study)	20 mg/kg bw/d (rat) (OECD 416)
<b>111-76-2 2-butoxyethanol</b>		
Oral	LD50	1746 mg/kg (rat)
Dermal	LD50	2270 mg/kg (rab)
<b>57-55-6 propane-1,2-diol</b>		
Oral	LD50	> 22000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rabbit)
<b>90170-42-6 <math>\beta</math>-Alanine, N-C8-18-alkyl derivs., monopotassium salts</b>		
Oral	LD50	> 5000 mg/kg (rat)
<b>126-92-1 sodium etasulfate</b>		
Oral	LD50	> 2000 mg/kg (rat) (ATE)
Dermal	LD50	> 2000 mg/kg (rat) (ATE)
<b>68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides</b>		
Oral	LD50	> 2000 mg/kg (rat) OECD 401
<b>67-63-0 propan-2-ol</b>		
Oral	LD50	5840 mg/kg (rat) (OECD 401)
Dermal	LD50	13900 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/6 h	> 25 mg/l (rat) (OECD 403)
<b>141-43-5 2-aminoethanol</b>		
Oral	LD50	1515 mg/kg (rat) (OECD-Richtlinie 401)
Dermal	LD50	2504 mg/kg (rabbit) (OECD-Richtlinie 402)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitisation:** Sensitisation possible through skin contact.
- **Repeated dose toxicity** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

##### **367-51-1 sodium mercaptoacetate**

EC50/48 h 38 mg/l (*Daphnia magna*) (84/449/EEC C.2)EC50/72 h > 100 mg/l (*Desmodesmus subspicatus*) (OECD 201)LC50/96 h > 100 mg/l (*Oncorhynchus mykiss*) (OECD 203)

##### **111-76-2 2-butoxyethanol**

EC0/16 h 700 mg/l (*Pseudomonas putida*)EC0/168 h 900 mg/l (*scenedesmus quadricauda*)

(Contd. on page 10)

EU

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

Trade name: **Basta Wheel Cleaner with indicator**

(Contd. of page 9)

**57-55-6 propane-1,2-diol**

EC0/18 h	> 20000 mg/l ( <i>Pseudomonas putida</i> )
EC50/48 h	> 100 mg/l ( <i>Daphnia magna</i> )
EC50/72 h	24200 mg/l ( <i>Scenedesmus capricornutum</i> )
LC50/96 h	40613 mg/l ( <i>Oncorhynchus mykiss</i> )

**90170-42-6  $\beta$ -Alanine, N-C8-18-alkyl derivs., monopotassium salts**

EC50/48 h	470 mg/l ( <i>Daphnia magna</i> )
LC50/96 h	> 100 mg/l ( <i>Goldorfe</i> )

**75-75-2 methanesulphonic acid**

EC50/48 h	10-100 mg/l ( <i>Daphnia magna</i> )
EC50/72 h	10 - 100 mg/l ( <i>Selenastrum capricornutum</i> ) (OECD 201)
LC50	10-100 mg/l ( <i>Oncorhynchus mykiss</i> ) (96 h)
LC50/96 h	> 10000 mg/l ( <i>Cyprinodon variegatus</i> ) (OECD 203)

**126-92-1 sodium etasulfate**

EC50/3h	> 100 mg/l ( <i>bel</i> )
EC50/48 h	> 100 mg/l ( <i>Daphnia magna</i> )
EC50/72 h	> 100 mg/l ( <i>Desmodesmus subspicatus</i> )
LC50/96 h	> 100 mg/l ( <i>Danio rerio</i> )

**68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides**

EC50/48 h	> 100 mg/l ( <i>Daphnia magna</i> ) (OECD 202)
LC50/96 h	126 mg/l ( <i>Oncorhynchus mykiss</i> )

**67-63-0 propan-2-ol**

EC50	> 100 mg/l ( <i>Bacteria</i> )
EC50/72 h	> 100 mg/l ( <i>Scenedesmus subspicatus</i> )
LC50	9714 mg/l ( <i>Daphnia magna</i> ) (24 h)
LC50/96 h	9640 mg/l ( <i>Pimephlas promelas</i> )

**141-43-5 2-aminoethanol**

EC50	110 mg/l ( <i>Pseudomonas putida</i> ) (16 h, DIN 38412 Part 8) >1000 mg/l ( <i>bel</i> ) (3 h, OECD 209)
EC50/48 h	65 mg/l ( <i>Daphnia magna</i> ) (84/449/EWG, C.2)
LC50	349 mg/l ( <i>Cyprinus carpio</i> ) (96 h, 92/69/EWG, C.1)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

The surfactant(s) contained in this preparation complies(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.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

(Contd. on page 11)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.02.2015

Version number 2

Revision: 06.02.2015

**Trade name: Basta Wheel Cleaner with indicator**

(Contd. of page 10)

- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed of with household waste.

- **European waste catalogue**

20 01 29*	detergents containing dangerous substances
15 01 02	plastic packaging

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** Void
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.
- **UN "Model Regulation":** -

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
- H225 Highly flammable liquid and vapour.
- H290 May be corrosive to metals.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.

(Contd. on page 12)

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**Trade name: Basta Wheel Cleaner with indicator**

(Contd. of page 11)

H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.

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R11 Highly flammable.  
 R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
 R21 Harmful in contact with skin.  
 R25 Toxic if swallowed.  
 R34 Causes burns.  
 R36 Irritating to eyes.  
 R36/38 Irritating to eyes and skin.  
 R38 Irritating to skin.  
 R41 Risk of serious damage to eyes.  
 R43 May cause sensitisation by skin contact.  
 R67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS:** Department R&D

· **Contact:** Department R&D

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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 Harmonised 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 (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Met. Corr. 1: Corrosive to metals, Hazard Category 1

Acute Tox. 3: Acute toxicity, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

· **\* Data compared to the previous version altered.**