GB

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

Printing date: 24.05.2017

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Version: 3

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SECTION 1:	Identificatio	on of the substance/mixture and of the company/undertaking
· 1.1 Product ider	ntifier	
· Trade name: <u>Ba</u>	sta Tyre Shine	
Sector of Use SU3 Industrial u SU21 Consume SU22 Professio Process category PROC7 Industri PROC11 Non in	ntified uses of uses: Uses of su r uses: Private h nal uses: Public y ial spraying ndustrial sprayin	the substance or mixture and uses advised against bstances as such or in preparations at industrial sites nouseholds / general public / consumers e domain (administration, education, entertainment, services, craftsmen) ng the mixture Hulpmiddel
Manufacturer/S Basta Active Car 2820 Gentofte Denmark Tel: +45 45 881 Fax: +45 45 873 E-mail: info@bas	Supplier: Care A/S 882 874 stacarcare.dk	e safety data sheet le from: info@bastacarcare.dk
SECTION 2:	-	ber: During normal opening hours: Tel: +45 45 881 882
· 2.1 Classification	n of the substa	
GHS0	2 flame	
Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
GHS0	9 environment	
Aquatic Chronic	2 H411	Toxic to aquatic life with long lasting effects.
GHS0	7	
Skin Irrit. 2 Eye Irrit. 2 STOT SE 3	H315 H319 H336	Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
	ding to Regulat	tion (EC) No 1272/2008 elled according to the CLP regulation. (Contd. on page

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Hazard pi	ctograms
$\langle \psi \rangle$	
$\mathbf{\nabla}$	
GHS02	GHS07 GHS09
Signal wo	rd Danger
Hazard-d	etermining components of labelling:
	ons, C7-C9, n-alkanes, isoalkanes, cyclics
Hazard st	atements
H222-H22	9 Extremely flammable aerosol. Pressurised container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
Precautio	nary statements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
	smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection / face protection.
P304+P34	
P305+P35	1+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
	present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P321	Specific treatment (see on this label).
P332+P31	
P403+P23	
P405	Store locked up.
P410+P41	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
2.2.04h am	hazards

• **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

*

 \cdot **Description:** Active substance with propellant

· Dangerous component	s:	
CAS: 106-97-8	butane (containing < 0.1% butadiene (203-450-8))	25-<50%
EINECS: 203-448-7	Flam. Gas 1, H220; Press. Gas (Comp.), H280	
EC number: 920-750-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	10-<25%
	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	
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CAS: 67-63-0	propan-2-ol		of page 2 -<25%
EINECS: 200-661-7	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336		
EC number: 921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	2.5	-<10%
CAS: 93685-81-5 EINECS: 297-629-8	Hydrocarbon, C4, 1,3-butandien free, polymerized, triisobuthylfraction, hydronized Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 4, H413	2.5	-<10%
EC number: 923-037-2	Hydrocarbons, C10-C12, iso-alkanes, <2% aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411	1	<2.5%
CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide Press. Gas (Liq.), H280	1.0-	-<2.5%
Ingredients according	to detergents guidline 648/2004/EC		
aliphatic hydrocarbons			≥30%

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: 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:
- Water haze

Fire-extinguishing powder

Carbon dioxide

Alcohol resistant foam

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment: Mount respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:
- Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

• 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

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Do not flush with water or aqueous • 6.4 Reference to other sections See Section 7 for information on sa See Section 8 for information on po See Section 13 for disposal inform	afe handling. ersonal protection equipment.	(Contd. of page 3)
SECTION 7: Handling and	l storage	
 7.1 Precautions for safe handling Ensure good ventilation/exhaustion Open and handle receptacle with ca Information about fire - and exp Do not spray onto a naked flame on Keep ignition sources away - Do not Protect from heat. Protect against electrostatic charge Pressurised container: protect from lights. Do not pierce or burn, even 	a at the workplace. are. losion protection: r any incandescent material. ot smoke. s. s. sunlight and do not expose to temperat	ures exceeding 50 °C, i.e. electric
 Information about storage in one 	rooms and receptacles: ring packagings with pressurised contain e common storage facility: ring packagings with pressurised contain ge conditions: Il sealed receptacles. ht.	
SECTION 8: Exposure con	trols/personal protection	
\cdot Additional information about de	sign of technical facilities: No further of	data; see item 7.

•	8.1	Control	parameters
	0.1	Control	parameters

· Ingre	dients with limit values that require monitoring at the workplace:
106-9	7-8 butane (containing < 0.1% butadiene (203-450-8))
WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
67-63	-0 propan-2-ol
WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
124-3	8-9 carbon dioxide
WEL	Short-term value: 27400 mg/m ³ , 15000 ppm Long-term value: 9150 mg/m ³ , 5000 ppm
· DNEI	S
Hydr	ocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
Oral	DNEL Long term-systemic 699 mg/kg bw/day (Consumer)
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Dural		(Contd. of page 4)
Dermal	DNEL Long term-systemic	699 mg/kg bw/day (Consumer)
		773 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	
		2035 mg/m3 (Worker)
67-63-0 pr	-	
Oral	DNEL Long term-systemic	26 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	319 mg/kg bw/day (Consumer)
		888 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	89 mg/m3 (Consumer)
		500 mg/m3 (Worker)
Hydrocar	bons, C6-C7, n-alkanes, iso	palkanes, cyclics, <5% n-hexane
Oral	DNEL Long term-systemic	699 mg/kg bw/day (Consumer)
	• •	699 mg/kg bw/day (Consumer)
		773 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	
minarative	DIVEL Long term-systemic	2035 mg/m3 (Worker)
A JJ:4: on o	Linformation. The lists well	id during the making were used as basis.
Respirator Use suitabl In case of b use self-co Filter AX/I Filter A/P2 Protection Solvent res Selection of Material of The selecti and varies resistance of application Nitrile rub	orief exposure or low polluti ntained respiratory protectiv P2 of hands: sistant gloves of the glove material on cons of gloves on of the suitable gloves doe from manufacturer to manuf of the glove material can not a. ber, NBR	ideration of the penetration times, rates of diffusion and the degradatio es not only depend on the material, but also on further marks of quality facturer. As the product is a preparation of several substances, the t be calculated in advance and has therefore to be checked prior to the
Penetratio	ction:	found out by the manufacturer of the protective gloves and has to be
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• Body protection: Use protective suit. (EN-13034/6)

SECTION 9: Physical and chemi	cal properties
• 9.1 Information on basic physical and cl • General Information • Appearance:	hemical properties
Form:	Aerosol
Colour:	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value:	Not determined.
•	
 Change in condition Melting point/freezing point: 	Undetermined.
Initial boiling point and boiling range	
· Flash point:	-60 °C
· Flammability (solid, gas):	Not applicable.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits:	
Lower:	0.7 Vol %
Upper:	12.0 Vol %
· Vapour pressure at 20 °C:	2100 hPa
· Density at 20 °C:	0.66 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	84.0 %
• 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

• 10.1 Reactivity No further relevant information available.

· 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.
- \cdot 10.4 Conditions to avoid No further relevant information available.
- \cdot 10.5 Incompatible materials: No further relevant information available.

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· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

· LD/LC50	· LD/LC50 values relevant for classification:		
Hydrocar	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics		
Oral	LD50	>5000 mg/kg (rat)	
Dermal	LD50	>2800 mg/kg (rabbit)	
Inhalative	LC50/4 h	>23 mg/l (rat)	
67-63-0 p	ropan-2-ol		
Oral	LD50	5840 mg/kg (rat)	
Dermal	LD50	13900 mg/kg (rabbit)	
Inhalative	LC50/6h	25000 mg/m3 (rat)	
Hydrocar	bons, C6-0	C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	
Oral	LD50	>5840 mg/kg (rat)	
Dermal	LD50	>2920 mg/kg (rabbit)	
Inhalative	LC50/4h	>25 mg/l (rat)	
Hydrocar	bons, C10	-C12,iso-alkanes,<2% aromatics	
Oral	LD50	>5000 mg/kg (rat)	
Dermal	LD50	>5000 mg/kg (rabbit)	
· Skin corr Causes ski	Primary irritant effect: Skin corrosion/irritation Causes skin irritation.		
 Respirato 	rious eye in ry or skin	ritation. sensitisation Based on available data, the classification criteria are not met.	
		nogenity, mutagenicity and toxicity for reproduction) city Based on available data, the classification criteria are not met.	
	0	ed on available data, the classification criteria are not met.	
	• Reproductive toxicity Based on available data, the classification criteria are not met.		
· STOT-sin	gle exposu	ire	
	May cause drowsiness or dizziness.		
-	• STOT-repeated exposure Based on available data, the classification criteria are not met.		

· Aspiration hazard

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

blenonii	
· 12.1 Toxicity	
 Aquatic toxicity 	
Hydrocarbons,	C7-C9, n-alkanes, isoalkanes, cyclics
NOELR (72h)	10 mg/l (Pseudokirchneriella subcapitata)
EL50 (72h)	10-30 mg/l (Pseudokirchneriella subcapitata)
LL50 (96h)	>13.4 mg/l (Oncorhynchus mykiss (96h))
NOEC (21 days)	0.17 mg/l (Daphnia magna)
LOEC (21 days)	0.32 mg/l (Daphnia magna)
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D.C.50/401	(Contd. of pag
EC50/48h	3 mg/l (Daphnia magna)
67-63-0 propan-	
LOEC (8 days)	1000 mg/l (algae)
LC50/96h	9640 mg/l (Pimephales promelas)
LC50 (24h)	9714 mg/l (Daphnia magna)
•	C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
NOELR (72h)	3 mg/l (Pseudokirchneriella subcapitata)
EL50(48h)	3 mg/l (Daphnia magna)
EL50 (72h)	30-100 mg/l (Pseudokirchneriella subcapitata)
LL50 (96h)	11.4 mg/l (Oncorhynchus mykiss (96h))
NOEC (21 days)	0.17 mg/l (Daphnia magna)
LOEC (21 days)	0.32 mg/l (Daphnia magna)
Hydrocarbons,	C10-C12,iso-alkanes,<2% aromatics
EL0 (48h)	1000 mg/l (Daphnia magna)
EL0(72h)	1000 mg/l (Pseudokirchneriella subcapitata)
NOELR (72h)	1000 mg/l (Pseudokirchneriella subcapitata)
NOEC (21 days)	0.025 mg/l (Daphnia magna)
 12.3 Bioaccumul 12.4 Mobility in Ecotoxical effect Remark: Harmfu Additional ecolo General notes: Water hazard cla Do not allow pro Danger to drinkin Harmful to aquat 12.5 Results of F PBT: Not applica vPvB: Not applica 	Il to fish gical information: ss 2 (German Regulation) (Self-assessment): hazardous for water duct to reach ground water, water course or sewage system. ng water if even small quantities leak into the ground. ic organisms PBT and vPvB assessment able.
SECTION 13	: Disposal considerations

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packaging:
- **Recommendation:** Disposal must be made according to official regulations.
- *
- **SECTION 14: Transport information**
- · 14.1 UN-Number · ADR, ADN, IMDG, IATA

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14.2 UN proper shipping name ADR, ADN	UN1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS	
IMDG	AEROSOLS (Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics, Naphtha (petroleum) hydrotreated light), MARINE POLLUTANT	
IATA	AEROSOLS, flammable	
ADR		
Class	2 5F Gases.	
Label	2.1	
ADN		
ADN/R Class:	2 5F	
IMDG		
Class	2.1	
Label IATA	2.1	
Class Label	2.1 2.1	
14.4 Packing group	2.1	
ADR, IMDG, IATA	Void	
14.5 Environmental hazards:	Hydrocarbons, C7-C9, n-a	nentally hazardous substances ilkanes, isoalkanes, cyclics
Marine pollutant:	No Symbol (fish and tree)	
Special marking (ADR):	Symbol (fish and tree)	
14.6 Special precautions for user Danger code (Kemler):	Warning: Gases.	
EMS Number:	F-D,S-U	
Stowage Code	litre: Category A. For AEI	ith a maximum capacity of 1 ROSOLS with a capacity abov ASTE AEROSOLS: Category
Segregation Code	SG69 For AEROSOLS wi litre: Segregation as for cla class 1 except for division	th a maximum capacity of 1 ass 9. Stow "separated from" 1.4. For AEROSOLS with a gregation as for the appropriate
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	Segregation as for the appropriate subdivision of class 2.	
· 14.7 Transport in bulk according to Ar	nnex II of	
Marpol and the IBC Code	Not applicable.	
· Transport/Additional information:		
· ADR		
· Limited quantities (LQ)	1L	
· Excepted quantities (EQ)	Code: E0	
	Not permitted as Excepted Quantity	
· Transport category	2	
· Tunnel restriction code	D	
· IMDG		
· Limited quantities (LQ)	1L	
\cdot Excepted quantities (EQ)	Code: E0	
	Not permitted as Excepted Quantity	
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY	
5	HAZARDOUS	

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category
- P3a FLAMMABLE AEROSOLS
- E2 Hazardous to the Aquatic Environment
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · National regulations:

Class	Share in %
NK	75-<100

- · VOC-CH 84.00 %
- · VOC-EU 553.6 g/l
- · Danish MAL Code 5-3
- 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.

\cdot Relevant phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

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H411 Toxic to aquatic life with long lasting effects.	
H413 May cause long lasting harmful effects to aquatic life.	
Department issuing SDS: Research & Development	
Contact: info@bastacarcare.dk	
Abbreviations and acronyms:	
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Conce	erning the
International Transport of Dangerous Goods by Rail)	C
ICAO: International Civil Aviation Organisation	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the Int	ernational
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)	
MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denma	ark)
DNEL: Derived No-Effect Level (REACH)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
Flam. Gas 1: Flammable gases – Category 1	
Aerosol 1: Aerosols – Category 1	
Press. Gas (Comp.): Gases under pressure – Compressed gas	
Press. Gas (Liq.): Gases under pressure – Liquefied gas	
Flam. Liq. 2: Flammable liquids – Category 2	
Flam. Liq. 3: Flammable liquids – Category 3	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
Asp. Tox. 1: Aspiration hazard – Category 1	
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2	
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard - Category 4	(