

Version number 1



Revision: 16.12.2013

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

· 1.1 Product identifier

- · Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol) 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 Grease
- · 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier: CARAMBA CHEMIE GMBH & Co.KG WANHEIMERSTR. 334/336 47055 DUISBURG www.caramba.de

Tel.: +49 (0) 203/77 86 01

- Further information obtainable from: Abteilung Labor Andrea Petersen andrea.petersen@caramba.de Tel.:+49 (0)203 / 77 86-189
- 1.4 Emergency telephone number: Giftnotruf Berlin +49(0)30 30686 790 Beratung in Deutsch und Englisch

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 STOT SE 3

H336 May cause drowsiness or dizziness.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Causes skin irritation.

Х Xi; Irritant

R38: Irritating to skin.

F+; Extremely flammable

H315

R12: Extremely flammable.

R52/53-67: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

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. Warning! Pressurized container.

> (Contd. on page 2) GB

Page 2/8

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

Printing date 24.06.2014

Version number 1

Revision: 16.12.2013

caramba

Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol)

(Contd. of page 1)

- · Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data
- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the CLP regulation.
- · Hazard pictograms



GHS02 GHS07 GHS09

- · Signal word Danger
- · Hazard-determining components of labelling:
- Naphtha (petroleum), hydrotreated light

· Hazard statements

- H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

- If medical advice is needed, have product container or label at hand. P101
- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smokina.
- P251 Do not pierce or burn, even after use.
- P211 Do not spray on an open flame or other ignition source.
- P271 Use only outdoors or in a well-ventilated area.
- P261 Avoid breathing spray.
- P302+P352 IF ON SKIN: Wash with plenty of water/...
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- 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 characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 106-97-8	butane	20-40%
EINECS: 203-448-7		
	🚸 Flam. Gas 1, H220; Press. Gas, H280	
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	20-40%
EINECS: 265-151-9	🗙 Xn R65; 🗙 Xi R38; 👩 F R11; 🌄 N R51/53	
Reg.nr.: 01-2119474209-33		
	♦ Flam. Liq. 2, H225; ♦ Asp. Tox. 1, H304; ♦ Aquatic Chronic 2, H411; ♦ Skin Irrit. 2, H315; STOT SE 3, H336	
(Contd. on page 3)		
		GB

Printing date 24.06.2014

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

Version number 1



Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol)

	(Conto	d. of page 2)
CAS: 74-98-6	propane	5-10%
EINECS: 200-827-9	🔥 F+ R12	
	📀 Flam. Gas 1, H220; Press. Gas, H280	
CAS: 75-28-5	isobutane	1-2.5%
EINECS: 200-857-2	▶ F+ R12	
	📀 Flam. Gas 1, H220; Press. Gas, H280	
CAS: 1330-78-5	tris(methylphenyl) phosphate	1-2.5%
EINECS: 215-548-8	🗙 Xn R62; 🏪 N R50/53	
Reg.nr.: 01-2119531335-46	Repr. 2, H361fd; 🚸 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 1330-78-5 EINECS: 215-548-8	 Flam. Gas 1, H220; Press. Gas, H280 tris(methylphenyl) phosphate Xn R62; B N R50/53 Repr. 2, H361fd; A quatic Acute 1, H400; Aquatic Chronic 1, 	1-2.5

· 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

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- **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: CO2, sand, extinguishing powder. Do not use water.
- · 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: No special measures required.

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. Do not flush with water or aqueous cleansing agents
- 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. Open and handle receptacle with care.

(Contd. on page 4)

GB -

Printing date 24.06.2014

Version number 1



Revision: 16.12.2013

(Contd. of page 3)

Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol)

- Information about fire and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- \cdot 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location. Observe official regulations on storing packagings with pressurized containers.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.
- · 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:

106-97-8 butane (25-50%)

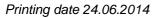
WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

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

- · Personal protective equipment:
- · General protective and hygienic measures: Wash hands before breaks and at the end of work.
- · Respiratory protection: Not required.
- · Protection of hands: Solvent resistant gloves
- · Material of gloves Nitrile rubber, NBR
- Penetration time of glove material Value for the permeation: Level < 480 min
- · Eye protection: Safety glasses

SECTION 9: Physical and chemical properties

General Information		
Appearance:	A	
Form:	Aerosol	
Colour:	Black	
Odour:	Characteristic	
Odour threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	Not applicable, as aerosol.	
Flash point:	Not applicable, as aerosol.	
Flammability (solid, gaseous):	Not applicable.	
Decomposition temperature:	Not determined.	
Self-igniting:	Product is not selfigniting.	
Danger of explosion:	Not determined.	



Version number 1



Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol)

		(Contd. of page 4
· Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
· Vapour pressure:	Not determined.	
· Density at 20 °C:	0.79 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/wa	ater): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· 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.
- \cdot 10.3 Possibility of hazardous reactions Contact with water releases flammable gases.
- 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:				
64742-49-	64742-49-0 Naphtha (petroleum), hydrotreated light			
Oral	LD50	> 2000 mg/kg (rat)		
Dermal	LD50	> 2000 mg/kg (rabbit)		
Inhalative	LC50/4 h	> 5 mg/l (rat)		
1330-78-5	1330-78-5 tris(methylphenyl) phosphate			
Oral	LD50	>3700 mg/kg (rat)		
Dermal	LD50	10000 mg/kg (rabbit)		
Inhalative	LC50/4 h	11.1 mg/l (rat)		
· Primary irritant effect:				

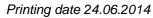
· on the skin: No irritant effect.

• on the eye: No irritating effect.

· Sensitization: No sensitizing effects known.

(Contd. on page 6)

GB -



Version number 1



Revision: 16.12.201

Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol)

(Contd. of page 5)

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity:
- 64742-49-0 Naphtha (petroleum), hydrotreated light
- EC50 ≤ 10mg/l mg/kg (daphnia)
- 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.
- · Ecotoxical effects:
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · **vPvB:** Not applicable.
- 12.6 Other adverse effects No further relevant information available.

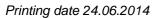
SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · 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	tion
· 14.1 UN-Number · ADR, IMDG, IATA	UN1950
 · 14.2 UN proper shipping name · ADR · IMDG · IATA 	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS AEROSOLS, flammable
 · 14.3 Transport hazard class(es) · ADR 	
· Class	2 5F Gases.
	(Contd. on page 7 GB



Version number 1



Revision: 16.12.2013

Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol)

	(Contd. of page
Label	2.1
IMDG	
Class	2.1
Label	2.1
ΙΑΤΑ	
Class	2.1
Label	2.1
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	
Marine pollutant:	No
	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Gases.
Danger code (Kemler):	-
EMS Number:	F-D,S-U
14.7 Transport in bulk according to Ann	nex II of
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Excepted quantities (EQ):	EO
Limited quantities (LQ)	1L
Transport category	2
Tunnel restriction code	D
UN "Model Regulation":	UN1950, AEROSOLS, ENVIRONMENTALL HAZARDOUS, 2.1

SECTION 15: Regulatory information

· 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

- H220 Extremely flammable gas.
- H225 Highly 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.
- H336 May cause drowsiness or dizziness.



Printing date 24.06.2014

Version number 1

Trade name: CARAMBA Profi High performance grease for wire ropes and gear wheels (Aerosol)

		(Contd. of page 7)
	d Suspected of damaging fertility. Suspected of damaging the unborn child.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
H411	Toxic to aquatic life with long lasting effects.	
R11	Highly flammable.	
R12	Extremely flammable.	
R38	Irritating to skin.	
	3 Very toxic to aquatic organisms, may cause long-term adverse effects in the	aquatic environment
	3 Toxic to aquatic organisms, may cause long-term adverse effects in the aqua	
R62	Possible risk of impaired fertility.	
R65	Harmful: may cause lung damage if swallowed.	
R67	Vapours may cause drowsiness and dizziness.	
-	viations and acronyms:	
	ccord européen sur le transport des marchandises dangereuses par Route (European A	greement concerning the
Internat	ional Carriage of Dangerous Goods by Road)	
	nternational Maritime Code for Dangerous Goods	
	ternational Air Transport Association Iobally Harmonized System of Classification and Labelling of Chemicals	
	S: European Inventory of Existing Commercial Chemical Substances	
ELINCS	: European List of Notified Chemical Substances	
	hemical Abstracts Service (division of the American Chemical Society)	
	ethal concentration, 50 percent	
	ethal dose, 50 percent compared to the previous version altered.	
Dala		GB
		65