

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 1)

· **Signal word** *Danger*· **Hazard-determining components of labelling:***acetone**Hydrocarbons, C9, aromatics**2-methoxy-1-methylethyl acetate**n-butyl acetate*· **Hazard statements***H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.**H319 Causes serious eye irritation.**H336 May cause drowsiness or dizziness.**H412 Harmful to aquatic life with long lasting effects.*· **Precautionary 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.**P260 Do not breathe spray.**P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.**P501 Dispose of contents / container in accordance with regional regulations.*· **Additional information:***EUH066 Repeated exposure may cause skin dryness or cracking.**Buildup of explosive mixtures possible without sufficient ventilation.*· **2.3 Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

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

CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	<i>acetone</i> ----- ☠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	25-<50%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	<i>propane</i> ----- ☠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280	12.5-<20%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	<i>butane (containing < 0,1 % butadiene (203-450-8))</i> ----- ☠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280	12.5-<20%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29	<i>2-methoxy-1-methylethyl acetate</i> ----- ☠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	5-<10%

(Contd. on page 3)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 2)

EC number: 905-588-0 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene ⚠ Flam. Liq. 3, H226 ⚠ STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	5-<10%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ STOT SE 3, H335-H336 EUH066	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8)) ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280	5-<10%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336 EUH066	2.5-<5%

Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex IA 1272/2008 EU), so the classification as carcinogen need not to apply.

xylene: Contains ethylbenzene CAS 100-41-4

For the wording of the listed hazard 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:** Generally the product does not irritate the skin.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor 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:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters -

- **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

(Contd. on page 4)

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 3)

- **6.2 Environmental precautions:**
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:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **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.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 2 B
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

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

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm
Long-term value: 1210 mg/m³, 500 ppm

106-97-8 butane (containing < 0,1 % butadiene (203-450-8))

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)

108-65-6 2-methoxy-1-methylethyl acetate

WEL Short-term value: 548 mg/m³, 100 ppm
Long-term value: 274 mg/m³, 50 ppm
Sk

xylene

WEL Short-term value: 441 mg/m³, 100 ppm
Long-term value: 220 mg/m³, 50 ppm
Sk; BMGV

123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m³, 200 ppm
Long-term value: 724 mg/m³, 150 ppm

· **DNELs**

67-64-1 acetone

Oral DNEL 62 mg/kg /per day (Consumer, longterm systemic)

Dermal DNEL 62 mg/kg /per day (Consumer, longterm systemic)

(Contd. on page 5)

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 4)

Inhalative	DNEL	186 mg/kg /per day (Worker, longterm systemic)
	DNEL	2420 mg/m ³ (Worker, acute local)
	DNEL	1210 mg/m ³ (Worker, longterm systemic)
	DNEL	200 mg/m ³ (Consumer, longterm systemic)
	DNEL	60 mg/m ³
108-65-6 2-methoxy-1-methylethyl acetate		
Dermal	DNEL	796 mg/kg /per day (Worker, longterm systemic)
	DNEL	320 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	275 mg/m ³ (Worker, longterm systemic)
	DNEL	33 mg/m ³ (Consumer, longterm systemic)
xylene		
Oral	DNEL	1.6 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	180 mg/kg /per day (Worker, longterm systemic)
Inhalative	DNEL	211 mg/m ³ (Worker, longterm systemic)
	DNEL	221 mg/m ³ (Worker, longterm local)
	DNEL	442 mg/m ³ (Worker, acute systemic)
	DNEL	289 mg/m ³ (Worker, acute local)
	DNEL	14.8 mg/m ³ (Consumer, longterm systemic)
	DNEL	260 mg/m ³ (Consumer; acute systemic)
	DNEL	65.3 mg/m ³ (Consumer, longterm local)
	DNEL	260 mg/m ³ (Consumer, acute local)
Hydrocarbons, C9, aromatics		
Oral	DNEL	11 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	25 mg/kg /per day (Worker, longterm systemic)
	DNEL	11 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	150 mg/m ³ (Worker, longterm systemic)
	DNEL	32 mg/m ³ (Consumer, longterm systemic)
123-86-4 n-butyl acetate		
Oral	DNEL	2 mg/kg /per day (Consumer, longterm systemic)
	DNEL	2 mg/kg /per day (Consumer, acute systemic)
Dermal	DNEL	11 mg/kg /per day (Worker, longterm systemic)
	DNEL	11 mg/kg /per day (Worker, acute systemic)
	DNEL	6 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	6 mg/kg /per day (Consumer, acute systemic)
	DNEL	300 mg/m ³ (Worker, longterm systemic)
	DNEL	600 mg/m ³ (Worker, acute systemic)
	DNEL	300 mg/m ³ (Worker, longterm local)
	DNEL	600 mg/m ³ (Worker, acute local)
	DNEL	35.7 mg/m ³ (Consumer, longterm systemic)
	DNEL	300 mg/m ³ (Consumer; acute systemic)
	DNEL	35.7 mg/m ³ (Consumer, longterm local)
· PNECs		
67-64-1 acetone		
PNEC	10.6 mg/l (Freshwater)	
PNEC	1.06 mg/l (Seawater)	
PNEC	21 mg/l (Sporadic release)	

(Contd. on page 6)

GB

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 5)

PNEC	100 mg/l (Sewage treatment plant)
PNEC	30.4 mg/kg (Freshwater sediment)
PNEC	3.04 mg/kg (Seawater sediment)
PNEC	29.5 mg/kg (Soil)

108-65-6 2-methoxy-1-methylethyl acetate

PNEC	0.635 mg/l (Freshwater)
PNEC	0.064 mg/l (Seawater)
PNEC	100 mg/l (Sewage treatment plant)
PNEC	3.29 mg/kg (Freshwater sediment)
PNEC	0.329 mg/kg (Seawater sediment)
PNEC	0.29 mg/kg (Soil)

123-86-4 n-butyl acetate

PNEC	0.18 mg/l (Freshwater)
PNEC	0.018 mg/l (Seawater)
PNEC	0.36 mg/l (Sporadic release)
PNEC	35.6 mg/l (Sewage treatment plant)
PNEC	0.981 mg/kg (Freshwater sediment)
PNEC	0.0981 mg/kg (Seawater sediment)
PNEC	0.0903 mg/kg (Soil)

· Ingredients with biological limit values:**xylene**

BMGV	650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid

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

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see item 7.

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

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Avoid contact with the eyes.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

· Hand protection

Protective gloves

· Material of gloves

Butyl rubber, BR

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.

(Contd. on page 7)

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 6)

· **Penetration time of glove material**

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min

Butyl acetate: 60 min

Ethyl acetate: 170 min

Xylene: 42 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

· **Eye/face protection**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Aerosol

· **Colour:**

According to product specification

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

Not applicable, as aerosol.

· **Flammability**

Not applicable.

· **Lower and upper explosion limit**

· **Lower:**

1.5 Vol % (106-97-8 butane (containing < 0,1 % butadiene (203-450-8)))

· **Upper:**

13 Vol % (67-64-1 acetone)

· **Flash point:**

Not applicable, as aerosol.

· **Ignition temperature:**

333 °C (631.4 °F) (108-65-6 2-methoxy-1-methylethyl acetate)

· **Decomposition temperature:**

Not determined.

· **pH**

Mixture is non-soluble (in water).

· **Viscosity:**

· **Kinematic viscosity**

Not determined.

· **Dynamic:**

Not determined.

· **Solubility**

· **water:**

Not miscible or difficult to mix.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Vapour pressure at 20 °C (68 °F):**

8300 hPa (6225.5 mm Hg) (74-98-6 propane)

· **Density and/or relative density**

· **Density at 20 °C (68 °F):**

0.7 g/cm³ (5.8 lbs/gal)

· **Relative density**

Not determined.

· **Vapour density**

Not determined.

· **9.2 Other information**

· **Appearance:**

· **Form:**

Aerosol

· **Important information on protection of health and environment, and on safety.**

· **Explosive properties:**

Not determined.

(Contd. on page 8)

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 7)

· Solvent content:	
· Organic solvents:	88.5 %
· VOC (EC)	---
	619.5 g/l
· VOC-EU%	88.50 %
· Solids content:	10.6 %
· Change in condition	
· Evaporation rate	Not applicable.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

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.
- **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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**

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

67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)

108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	8530 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>10000 mg/m ³ (rat)

(Contd. on page 9)

GB

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 8)

xylene		
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m ³ (rat)
Hydrocarbons, C9, aromatics		
Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)
123-86-4 n-butyl acetate		
Oral	LD50	10800 mg/kg (rat) (OECD 401)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>21 mg/m ³ (rat)
<ul style="list-style-type: none"> · Skin corrosion/irritation No irritant effect. · Serious eye damage/irritation Causes serious eye irritation. · Respiratory or skin sensitisation No sensitising effects known. · STOT-single exposure May cause drowsiness or dizziness. · 11.2 Information on other hazards 		
· Endocrine disrupting properties		
556-67-2	octamethylcyclotetrasiloxane	List II, III

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

67-64-1 acetone

LC50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
LC50 / 48 h	8450 mg/l (crustacean (water flea))

108-65-6 2-methoxy-1-methylethyl acetate

EC50 / 48 h	>500 mg/l (daphnia magna)
LC50 / 96 h	100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)

xylene

EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50 / 96 h	13.5 mg/l (fish)

Hydrocarbons, C9, aromatics

EC50 / 48 h	302 mg/l (daphnia magna)
EC50 / 72 h	2.75 mg/l (Pseudokirchneriella subcapitata)
EC50 / 96 h	9.2 mg/l (Regenbogenforelle)

- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Remark:** Harmful to 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.

(Contd. on page 10)

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms

(Contd. of page 9)

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.

Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1950

· **14.2 UN proper shipping name**

· **ADR**

1950 AEROSOLS

· **IMDG**

AEROSOLS

· **IATA**

AEROSOLS, flammable

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class**

2.5F Gases.

· **Label**

2.1

· **IMDG, IATA**



· **Class**

2.1 Gases.

· **Label**

2.1

· **14.4 Packing group**

· **ADR, IMDG, IATA**

not regulated

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Warning: Gases.

· **Hazard identification number (Kemler code):**

-

· **EMS Number:**

F-D,S-U

· **Stowage Code**

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

· **Segregation Code**

SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre:

(Contd. on page 11)

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 10)

·	Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· 14.7 Maritime transport in bulk according to IMO instruments	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
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

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
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- 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.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· 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)
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods

(Contd. on page 12)

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

Printing date 07.12.2022

Version number 5 (replaces version 4)

Revision: 04.07.2022

Trade name: A.M.P.E.R.E TRAFFIC PROTEKTOR

(Contd. of page 11)

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)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – Compressed gas
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
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
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
 • *** Data compared to the previous version altered.**

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DISCLAIMER

The information contained in this sheet comes from reliable sources. It has been drawn up based on our knowledge at the time of the most recent update, as indicated. This information is intended as an aid to the user and should not be considered as a guarantee.

Conditions or methods of handling, storage, use or disposal of the product are outside our control, and we may not be held responsible for any loss, damage or expenses incurred as a result of, or in connection with, the latter.

All substances or mixtures can present unknown dangers and must be used with caution. We cannot guarantee that all dangers have been set out in an exhaustive manner.

This sheet has been drawn up for, and must be used for, this product only. If the product is used as a component in another product, the information given with it may not be applicable.

This sheet does not under any circumstances exempt the user from complying with all laws, regulations and administrative requirements related to the product, health and safety, and the protection of human health and the environment.