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rade name: Aeros	rade name: Aerosol SOLL Backlight red			
· Signal word Da	ngar	(Contd. of page		
-				
	ining components of labelling:			
acetone				
n-butyl acetate				
•	thylethyl acetate			
• Hazard stateme				
	flammable aerosol.			
	ed container: May burst if heated.			
	rious eye irritation.			
	e drowsiness or dizziness.			
• Precautionary s P101		label at hand		
P102	If medical advice is needed, have product container or l Keep out of reach of children.	ubei ai nana.		
P102 P103	Read carefully and follow all instructions.			
P210	Keep away from heat, hot surfaces, sparks, open flam	as and other ignition sources N		
1210	smoking.	es una other ignition sources. Iv		
P211	Do not spray on an open flame or other ignition source.			
P251	Do not pierce or burn, even after use.	,		
P271	Use only outdoors or in a well-ventilated area.			
	338 IF IN EYES: Rinse cautiously with water for several n	ninutes. Remove contact lenses.		
	present and easy to do. Continue rinsing.	······,		
P312	Call a POISON CENTER/doctor if you feel unwell.			
P337+P313	If eye irritation persists: Get medical advice/attention.			
P410+P412	Protect from sunlight. Do not expose to temperatures ex	cceeding 50 °C/122 °F.		
P501	Dispose of contents/container in accordance with loca regulations.	al/regional/national/internation		
· Additional info	rmation:			
	te ventilation, explosive atmosphere/gas mix may be created			
	rdous respirable droplets may be formed when sprayed. Do	not breathe spray or mist.		
· 2.3 Other hazar				
	and vPvB assessment			
• PBT: Not applie	cable.			

• *PB1*: Not applicable. • *vPvB*: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

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 $\cdot \textit{Description: Mixture of substances listed below with nonhazardous additions.}$

· Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	acetone Flam. Liq. 2, H225; () Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	25-<50%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane	10-<25%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane (containing ≤ 0,1 % butadiene (203-450-8))	5-<10%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-xxxx	n-butyl acetate	5-<10%
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	(Cor	ntd. of page 2
CAS: 9004-70-0 Reg.nr.: no Reach No. availlable	nitrocellulose with water(not less than 25% water, by mass)	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane (containing ≤ 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220; Press. Gas (Comp.), H280, EUH018	5-<10%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	2.5-<5%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol 🚸 Flam. Liq. 2, H225; 🐠 Eye Irrit. 2, H319	2.5-<5%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	xylene, mixture of isomers 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	1-<2.5%
CAS: 7397-62-8 EINECS: 230-991-7 Reg.nr.: 01-2119514685-36-xxxx	butyl glycollate 🗞 Repr. 2, H361; 🔶 Eye Dam. 1, H318	1-<2.5%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38-xxxx	butan-1-ol Flam. Liq. 3, H226; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335; STOT SE 3, H336	<1%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35-xxxx	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332 wording of the listed bazard phrases refer to section 16	<1%

• Additional information: 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: If symptoms persist consult doctor.

• 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

 \cdot 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: Cool container whit water

• 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.

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 \cdot **6.2 Environmental precautions:** 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 section 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

Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric

lights. Do not pierce or burn, even after use.

· 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: None.
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

•	8.1	Control p	arameters
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0	edients with limit values that require monitoring at the workplace: 4-1 acetone	
	Short-term value: 3620 mg/m ³ , 1500 ppm	
	Long-term value: 1210 mg/m ³ , 500 ppm	
106-9	97-8 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)	
<i>123-</i> 8	86-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m³, 200 ppm	
	Long-term value: 724 mg/m ³ , 150 ppm	
108-0	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	
64-1 2	7-5 ethanol	
WEL	Long-term value: 1920 mg/m³, 1000 ppm	
1330	-20-7 xylene, mixture of isomers	
WEL	Short-term value: 441 mg/m³, 100 ppm	
	Long-term value: 220 mg/m ³ , 50 ppm	
	Sk; BMGV	
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71-36-3 butan-1-ol WEL Short-term value: 154 mg/m³, 50 ppm Sk

100-41-4 ethylbenzene

WEL Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk

· Ingredients with biological limit values:

1330-20-7 xylene, mixture of isomers

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 section 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.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· Respiratory protection:



When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with combination filter, class A1P2 minimum, or breathing mask with outer air supply.

· Hand protection

Protective gloves



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Penetration time of glove material

Gloves must be changed after every contamination.

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

- \cdot For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
- butyl rubber, 0,7mm • Eye/face protection

Safety glasses



Tightly sealed goggles

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Colour:According to product specificationOdour:CharacteristicOdour threshold:Not determined.Melting point/freezing point:Undetermined.Boiling point or initial boiling point and boiling range44.5 °CFlammabilityNot applicable.Lower and upper explosion limitLower and upper explosion limitLower:1.7 Vol %Upper:13 Vol %Color, Flash point:<0 °CAuto-ignition temperature:Not determined.pHNot determined.PHNot determined.PHNot determined.Phinemic viscosity:Not determined.SolubityNot determined.Vanour pressure at 50 °C:3.600 hPaVapour pressure at 50 °C:3.600 hPaVapour pressure at 50 °C:3.600 hPaVapour pressure at 50 °C:800 hPaSolubityNot determined.Vapour pressure at 50 °C:800 hPaVapour densityNot determined.Vapour densityNot determined.Vapour pressure at 50 °C:800 hPa<	0 1 Information on basis abusisal and above is a	ronartias
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Upper: 13 Vol % Flash point: <0 °C		17 Vol %
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88	Aerosols	May burst if heated.

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		(Contd. of page
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 flamm	able	
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.
- \cdot 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 Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Dermal LD50 110,287 mg/kg (rabbit)

Inhalative LC50/4 h 607 mg/l (rat)

- · Serious eye damage/irritation Causes serious eye irritation.
- · STOT-single exposure May cause drowsiness or dizziness.

· 11.2 Information on other hazards

· Endocrine disrupting properties

541-02-6 2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane

556-67-2 octamethylcyclotetrasiloxane

SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 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:** Ikke relevant.

• 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

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List II

List II; III

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· 12.7 Other adverse effects

· Additional ecological information:

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

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

*

2

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.

· 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	
2	
V	
· Class	2 5F Gases.
· Label	2.1
· IMDG, IATA	
· Class	2.1 Gases.
· Label	2.1
· 14.4 Packing group	
· ADR, IMDĞ, IATÂ	Void
	not classified
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Gases.
· Hazard identification number (Kemler code):	-
	not classified
· EMS Number:	F- D , S - U

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	(Contd. of page 8	
· Stowage Code	SW1 Protected from sources of heat.	
0	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 I	
	litre:	
	Segregation as for class 9. Stow "separated from" class I	
	except for division 1.4.	
	For AEROSOLS with a capacity above 1 litre:	
	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 accordi	ing to IMO	
instruments	Not applicable.	
· Transport/Additional information:		
ADR		
· Limited quantities (LQ)	1L	
\cdot Excepted quantities (EQ)	Code: E0	
	Not permitted as Excepted Quantity	
· Transport category	2	
• Tunnel restriction code	D	
· IMDG		
\cdot Limited quantities (LQ)	1L	
· Excepted quantities (\widetilde{EQ})	Code: E0	
	Not permitted as Excepted Quantity	
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1	

SECTION 15: Regulatory information

 \cdot 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture VOC: <840g/l

· Poisons Act

- · Regulated explosives precursors
- None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

67-64-1 acetone

· Reportable poisons

None of the ingredients is listed.

· Seveso category P3a FLAMMABLE AEROSOLS

- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

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Listed

[·] Directive 2012/18/EU

[·] Named dangerous substances - ANNEX I None of the ingredients is listed.

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· National regulations:

· Technical instructions (air):

 Class
 Share in %

 NK
 50-100

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

• 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

- H201 Explosive; mass explosion hazard.
- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- 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.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- EUH018 In use may form flammable/explosive vapour-air mixture.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· Department issuing SDS: Product safety department

· 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 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

- 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)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative ATE: Acute toxicity estimate values
- *Expl. 1.1: Explosives Division 1.1*
- Flam. Gas 1A: Flammable gases Category 1A
- Aerosol 1: Aerosols Category 1
- : Aerosols Category 3
- 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 Dam. 1: Serious eye damage/eye irritation Category 2

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Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Repr. 2: Reproductive toxicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (single exposure) – Category 5 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 • * Data compared to the previous version altered.

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