

Printing date 08.12.2023 Version number 1 Revision: 08.12.2023 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: Aerosol Liquid Gum diff. colors · (Article number) product ID.: REZ1031 · 1.2 Relevant identified uses of the substance or mixture and uses advised against · Application of the substance / the mixture: painting · Uses advised against No further relevant information available. · 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: Peter Kwasny GmbH Heilbronner Str. 96 D-74831 Gundelsheim Tel.: 0049-(0)6269-95-20 E-mail: labor@kwasny.de · Further information obtainable from: Product safety department · 1.4 Emergency telephone number: Tel.:+49 6269 95 20 • national: National Poisons Information Service, Birmingham Tel.: 844 892 0111 · K-Nr. 0001

SECTION 2: Hazards identification

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

flame

Aerosol 1

H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.

environment

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



V					
Skin Irrit. 2	H315 Causes skin irritation.				
STOT SE 3	H336 May cause drowsiness or dizziness.				
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.				
· 2.2 Label elements					
T 1 111 11					

• Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation.

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SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

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Dangerous components:		
CAS: 115-10-6 EINECS: 204-065-8	dimethyl ether Flam. Gas 1A, H220; Press. Gas (Comp.), H280, EUH018	25-<50%
CAS: 64742-49-0 EC number: 920-750-0	Naphtha (petroleum), hydrotreated light benzene < 0,1 % Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	25-<50%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-xxxx	n-butyl acetate Flam. Liq. 3, H226; 🔶 STOT SE 3, H336, EUH066	5-<10%
EC number: 921-024-6 Reg.nr.: 01-2119475514-35-xxxx	EC921-024-6 Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	5-<10%
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	2.5-<5%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-xxxx	ethyl acetate	2.5-<5%
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	1-<2.5%
EC number: 919-164-8	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) Asp. Tox. 1, H304; Aquatic Chronic 3, H412	1-<2.5%
CAS: 41556-26-7 EINECS: 255-437-1 Reg.nr.: no Reach-No. availlable	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	<i>≥</i> 0.1-<0.25%
CAS: 82919-37-7 EINECS: 280-060-4 Reg.nr.: no Reach-No. availlable	methyl 1,2,2,6,6-pentamethyl-4-piperidylsebacate Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	<i>≥</i> 0.1-<0.25%
CAS: 104810-47-1	Mixture of alpha-3-(3-(2H-benzotrial-2-yl)5-tert-butyl-4- hydroxyphenyl) propion-omegahydroxypoly(oxyethylene) and alpha-3-(3 Aquatic Chronic 2, H411; Skin Sens. 1, H317	<i>≥</i> 0.1-<0.25%
CAS: 104810-48-2	alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyl-omega-hydroxypoly(oxy- ethylene) Aquatic Chronic 2, H411; (1) Skin Sens. 1, H317	<i>≥</i> 0.1-<0.25%

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.

· 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.

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• **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.
 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: 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.

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SECTION 8: Exposure controls/personal protection · 8.1 Control parameters · Ingredients with limit values that require monitoring at the workplace: 115-10-6 dimethyl ether WEL Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm 123-86-4 n-butyl acetate WEL Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm 1330-20-7 xylene, mixture of isomers WEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk: BMGV 141-78-6 ethyl acetate WEL Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm 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.

• 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

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· 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 Not required.

SECTION 9: Physical and chemical properties

•9.1 Information on basic physical and chemical p	roperties
• 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	-24.9 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	3 Vol % (115-10-6 dimethyl ether)
· Upper:	18.6 Vol % (115-10-6 dimethyl ether)
· Flash point:	<0 °C
· Auto-ignition temperature:	235 °C (115-10-6 dimethyl ether)
• Decomposition temperature:	Not determined.
· pH	Not determined.
· 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:	3,400 hPa (115-10-6 dimethyl ether)
· Density and/or relative density	
· Relative density	$0.775 \ g/cm^3$
· Vapour density	Not determined.
• 9.2 Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of health an	d
environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of
	explosive air/vapour mixtures are possible.
	Not determined.
· Solvent content:	
· Organic solvents:	95.5 %
- <u>a</u>	With propellant gas. Content given by weight.
\cdot VOC (EU)	(<840g/l)
	95.80 %
· Solids content:	4.2 %
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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 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.
- 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 47,619 mg/kg (rabbit)

Inhalative LC50/4 h 204 mg/l

· Skin corrosion/irritation Causes skin irritation.

- · STOT-single exposure May cause drowsiness or dizziness.
- · Aspiration hazard May be fatal if swallowed and enters airways.

 \cdot 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

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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
- The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse 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

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.

ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name	
ADR	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
IMDG	AEROSOLS, MARINE POLLUTANT
IATA	AEROSOLS, flammable
ADR	

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Label	2.1
IMDG	
· Class · Label	2.1 Gases. 2.1
·IATA	
· Class · Label	2.1 Gases. 2.1
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
	not classified
· 14.5 Environmental hazards:	Product contains environmentally hazardous substance Naphtha (petroleum), hydrotreated light benzene < 0 %
· Marine pollutant:	Yes
-	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
 14.6 Special precautions for user Hazard identification number (Kemler code): 	Warning: Gases.
· EMS Number:	not classified F-D,S-U
· Stowage Code	SW1 Protected from sources of heat.
C C	SW22 For AEROSOLS with a maximum capacity of
	litre: Category A. For AEROSOLS with a capacity abo
	<i>1 litre: Category B. For WASTE AEROSOLS: Catego C, Clear of living quarters.</i>
· Segregation Code	SG69 For AEROSOLS with a maximum capacity of
	litre:
	Segregation as for class 9. Stow "separated from" class
	except for division 1.4. For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class
	For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class
147 Manifina furning in L II and P ()	
• 14.7 Maritime transport in bulk according to I instruments	MO Not applicable.
• Transport/Additional information:	
· ADR	
\cdot Limited quantities (LQ)	
\cdot Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Transport category	2
• Tunnel restriction code	D

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· IMDG

 · Limited quantities (LQ)
 1L

 · Excepted quantities (EQ)
 Code: E0

 · Not permitted as Excepted Quantity

 · UN ''Model Regulation'':
 UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY

SECTION 15: Regulatory information

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

HAZARDOUS

· Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

· Directive 2012/18/EU

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

· Seveso category

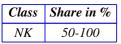
P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

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

· National regulations:

• Technical instructions (air):



- · Waterhazard class: Water hazard class 2 (Self-assessment): 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. The safety data sheet may only be passed on to third parties for the manufacturer's brands.

· 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.

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H317	May cause an allergic skin reaction.	(000000 00 Fuße 00)	
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.		
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.		
H412	Harmful to aquatic life with long lasting effects.		
	18 In use may form flammable/explosive vapour-air mixture.		
EUHO	66 Repeated exposure may cause skin dryness or cracking.		
· Depart	tment issuing SDS: Product safety department		
	viations and acronyms:		
	ccord relatif au transport international des marchandises dangereuses par route (Europea	in Agreement Concerning the	
	ional Carriage of Dangerous Goods by Road)		
	International Maritime Code for Dangerous Goods		
	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)		
	ethal concentration, 50 percent		
	ethal dose, 50 percent		
	ersistent, Bioaccumulative and Toxic		
	ery Persistent and very Bioaccumulative		
	cute toxicity estimate values cas 1A: Flammable gases – Category 1A		
	1: Aerosols – Category 1		
	ils – Category 3		
	Gas (Comp.): Gases under pressure – Compressed gas		
	iq. 2: Flammable liquids – Category 2		
	iq. 3: Flammable liquids – Category 3		
	ox. 4: Acute toxicity – Category 4		
	it. 2: Skin corrosion/irritation – Category 2 t. 2: Serious eve damage/eve irritation – Category 2		
	is. 1: Skin sensitisation – Category 1		
	E 3: Specific target organ toxicity (single exposure) – Category 3		
	E 2: Specific target organ toxicity (repeated exposure) – Category 2		
	x. 1: Aspiration hazard – Category 1		
	Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1		
	Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1 Chronic 2: Hazardous to the aquatic environment - long term aquatic hazard – Category 2		
	<i>Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2</i> <i>Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3</i>		
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