Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.06.2026 *version: 18 (replaces version 17)* *Revision: 30.06.2026*

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

· **1.1 Product identifier**

· **Trade name REVELL SPRAY COLOR**
Different shades and gloss levels / metallic finishers

· **Article number:**
Dreisol:
matt:
R3600-0102; R3600-1115; R3600-1116; R3600-1188; R3600-2125; R3600-3136; R3600-5156; R3600-6146; R3600-7109; R3600-7157; R3600-7176; R3600-7178; R3600-8185; R3600-9105; R3600-9108; R3600-9190; R3600-9191; R3600-9194; R3600-9199
seidenmatt:
R3620-3330; R3620-7371; R3620-7374; R3620-9301; R3620-9302
glänzend:
R3680-0101; R3680-1112; R3680-3131; R3680-3134; R3680-5152; R3680-5200; R3680-9104; R3680-9107; R3680-0100

Revell:
matt:
34102; 34115; 34116; 34188; 34125; 34136; 34156; 34146; 34109; 34157; 34176; 34178; 34185; 34105; 34108; 34190; 34191; 34194; 34199
seidenmatt:
34330; 34371; 34374; 34301; 34302
glänzend:
34101; 34112; 34131; 34134; 34152; 34200; 34104; 34107; 39627

· **UFI:** DVJ0-F0AW-600V-EPD3

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

· **Sector of Use** SU21 Consumer uses: Private households / general public / consumers

· **Product category** PC9a Coatings and paints, thinners, paint strippers

· **Process category** PROC11 Non industrial spraying

· **Application of the substance / the mixture** Coating material for model making

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Dreisol Coatings GmbH & Co.KG. Tel.: +49(0)5742-9300-0(Zentrale)
Industriestraße 4 Fax : +49(0)5742-9300-49
D-32361 Pr. Oldendorf-Bad Holzhausen E-Mail: mail@dreisol.de
http://www.dreisol.de

Carrera Revell Europe GmbH
Henschelstr. 20-30 Tel.: +49(0)5223-965-0
D-32257 Bünde http://www.revell.de

· **Informing department:**
Product Safety Department Tel.: +49(0)5742-9300-41
E-mail address of the competent person: sdb@dreisol.de

· **1.4 Emergency telephone number:** 112

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SECTION 2: Hazards identification

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



GHS02 flame

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

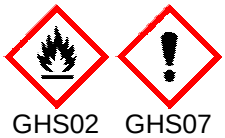


GHS07

Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

· **Additional information:**
A marking with aspiration GHS 08 and H304 is in accordance with Regulation (EC) No 1272/2008 Annex I Nr.1.3.3. not necessary (aerosol packaging)

· **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

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic compounds (outside EU:CAS 64742-49-0))
· **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**
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.
P271 Use only outdoors or in a well-ventilated area.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.

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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.*

· ***Additional information:***
Contains methyl methacrylate, butyl methacrylate. May produce an allergic reaction.
· ***Labelling of packages where the contents do not exceed 125 ml***
· ***Hazard pictograms***



GHS02 GHS07

· ***Signal word*** *Danger*

· ***Hazard-determining components of labelling:***
Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic compounds (outside EU:CAS 64742-49-0))
· ***Hazard statements***
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H336 *May cause drowsiness or dizziness.*
H412 *Harmful to aquatic life with long lasting effects.*
· ***Precautionary statements***
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.*
P271 *Use only outdoors or in a well-ventilated area.*
P405 *Store locked up.*
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***
The product does not contain any substance above the legal limits (> 0.1%) that meets the criteria for PBT
(persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).
· ***Determination of endocrine-disrupting properties***
Environmental information: The substance/mixture does not contain any components that are classified according to
REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation
Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more.
have endocrine disrupting properties.

Toxicological information: The substance/mixture does not contain any components that are classified according to
REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.
Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more
have endocrine disrupting properties.

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SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Dangerous components:**

CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37	dimethyl ether Flam. Gas 1A, H220 Press. Gas (Comp.), H280	50-100%
EC number: 920-750-0 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic compounds (outside EU:CAS 64742-49-0)) Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	12.5-20%
CAS: 110-12-3 EINECS: 203-737-8 Reg.nr.: 01-2119472300-51	5-methylhexan-2-one Flam. Liq. 3, H226 Acute Tox. 4, H332	7-10%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)* Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336	7-10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specific concentration limit: Eye Dam. 1; H318: C ≥ 50 %	3-5%

· **Additional information**
*) Benzene content is less than 0.1% (EINECS-No. 200-753-7). It is P. Note
Contains no other ingredients (≥0,1%) that are classified as hazardous to health or the environment according to the current knowledge of the supplier and must be mentioned in this section.
The wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information** Remove contaminated, saturated clothing immediately.
· **After inhalation**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness bring patient into stable side position for transport.
· **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
· **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
· **After swallowing** Do not induce vomiting; instantly call for medical help.

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SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents**
recommended: foam (if necessary alcohol resistant), carbon dioxide, extinguishing powder
· **For safety reasons unsuitable extinguishing agents** Waterjet.
· **5.2 Special hazards arising from the substance or mixture**
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazards.
· **5.3 Advice for firefighters**
· **Protective equipment:** Wear self-contained breathing apparatus.
· **Additional information**
Cool closed containers exposed to fire with water.
Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Remove all sources of ignition. Provide adequate ventilation. Refer to protective measurer, listed in sections 7 and 8.
· **6.2 Environmental precautions:**
Do not allow product to enter into sewerage systems or water bodies.
Inform respective authorities in case of product reaches water or sewage systems.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· **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 information on disposal.

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SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at working place.
Keep containers tightly sealed.
Avoid contact with skin and eyes.
· **Information about protection against explosions and fires:**
Protect against electrostatic charges.
Keep ignition sources away - Do not smoke.
Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C.
Do not open by force or throw into fire even after use.
Do not spray on flames or red-hot objects.
Vapours are heavier than air and may spread along floors. Vapours may from explosive mixture with air.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage**
· **Information about storage in one common storage facility:**
Keep away from foodstuffs, beverages and food.
· **Further information about storage conditions:** Protect from heat and direct sunlight.
· **Storage class** 2 B

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· ***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***

· ***Components with critical values that require monitoring at the workplace:***

115-10-6 dimethyl ether	
IOELV (European Union)	*Long-term value: 1920 mg/m³, 1000 ppm*
WEL (Great Britain)	*Short-term value: 958 mg/m³, 500 ppm* *Long-term value: 766 mg/m³, 400 ppm*
110-12-3 5-methylhexan-2-one	
IOELV (European Union)	*Long-term value: 95 mg/m³, 20 ppm*
WEL (Great Britain)	*Short-term value: 475 mg/m³, 100 ppm* *Long-term value: 95 mg/m³, 20 ppm* *Sk*
Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)*	
AGW (European Union)	*Short-term value: 100 mg/m³* *Long-term value: 50 mg/m³*
64-17-5 ethanol	
WEL (Great Britain)	*Long-term value: 1920 mg/m³, 1000 ppm*

· ***DNELs***

110-12-3 5-methylhexan-2-one		
Dermal	*DNEL*	*8 mg/kg/day (Workers, long-term exposure)*
Inhalative	*DNEL*	*95 mg/m³ (Workers, long-term exposure)*
Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)*		
Oral	*DNEL*	*11 mg/kg/day (General population, long-term exposure)*
Dermal	*DNEL*	*11 mg/kg/day (General population, long-term exposure)*
		25 mg/kg/day (Workers, long-term exposure)
Inhalative	*DNEL*	*32 mg/m³ (General population, long-term exposure)*
		150 mg/m³ (Workers, long-term exposure)
64-17-5 ethanol		
Oral	*DNEL*	*87 mg/kg/day (General population, long-term exposure)*
Dermal	*DNEL*	*206 mg/kg/day (General population, long-term exposure)*
		343 mg/kg/day (Workers, long-term exposure)
Inhalative	*DNEL*	*950 mg/m³ (General population, long-term exposure)*
		950 mg/m³ (Workers, long-term exposure)
		1,900 mg/m³ (Workers, short-term exposure)

· ***PNECs***

110-12-3 5-methylhexan-2-one	
PNEC	*100 mg/L (sewage treatment plant)*
	0.01 mg/L (marine water)
	0.1 mg/L (freshwater)

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64-17-5 ethanol	
PNEC	*580 mg/L (sewage treatment plant)*
	0.79 mg/L (marine water)
	0.96 mg/L (freshwater)
PNEC	*0.63 mg/kg (soil)*
	2.9 mg/kg (sediment (marine water))
	3.6 mg/kg (sediment (freshwater))

· ***8.2 Exposure controls***
· ***Appropriate engineering controls***
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
· ***Individual protection measures, such as personal protective equipment***
· ***General protective and hygienic measures***
Instantly remove any spoiled and impregnated garments.
· ***Breathing equipment:***
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus, independent of circulating air.
Filter A/P2.
· ***Hand protection***
The instructions and information provided by the glove manfacturer on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect the exposed areas of the skin.
· ***Material of gloves***
Gloves made of nitrile rubber or butyl rubber (0.4mm). Breakthrough time > 480min with full contact. Observe the glove manufacturer's specifications on permeability and breakthrough times and the special conditions at the workplace. In case of cracking or change of colour, shape or elasticity, change gloves immediately.
· ***Eye/face protection*** *Tightly sealed safety glasses.*
· ***Body protection:*** *Protective work clothing.*

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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*
· ***Smell:***	*Characteristic*
· ***Odour threshold:***	*Not determined*
· ***Boiling point or initial boiling point and boiling range***	*-24 °C*
· ***Flammability***	*Not applicable*
· ***Lower and upper explosion limit***	
· ***Lower:***	*0.1 Vol %*
· ***Upper:***	*27.7 Vol %*
· ***Flash point:***	*-42 °C (DIN/ISO 3679)*
· ***Auto-ignition temperature:***	*235 °C (DIN 51794, 115-10-6 dimethyl ether)*
· ***Decomposition temperature:***	*Not determined*
· ***pH***	*Not determined*

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· **Viscosity:**	
· **Kinematic viscosity**	Not determined
· **or:**	
· **dynamic:**	Not determined
· **Solubility**	
· **Water:**	Not miscible or difficult to mix
· **Steam pressure at 20 °C:**	5,200 hPa (115-10-6 dimethyl ether)
· **Steam pressure**	
· **Density and/or relative density**	
· **Density at 20 °C**	0.82 g/cm³ (DIN/ISO 2811)
· **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
· **Solvent content:**	
· **Organic solvents:**	90 %
· **VOC (EG)**	740.9 g/l
· **Solids content:**	10 %
· **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

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SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

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· ***10.2 Chemical stability***
· ***Thermal decomposition / conditions to be avoided:***
Stable under recommended storage and handling conditions (see section 7).
Hazardous products of decomposition could result at high temperatures.
· ***10.3 Possibility of hazardous reactions***
In case of completly combustion tocix gases are developed including carbon monoxide.
· ***10.4 Conditions to avoid*** *No further relevant information available.*
· ***10.5 Incompatible materials:*** *No further relevant information available.*
· ***10.6 Hazardous decomposition products:***
such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

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SECTION 11: Toxicological information

· ***11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008***
· ***Acute toxicity***
There are no data available on the preparation itself.
The mixture is classified under Regulation No 1272/2008 = CLP (EU-GHS) Regulation and the toxicological hazards. See Section 3 and 15 for details.
Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**		
115-10-6 dimethyl ether		
Inhalative	LC50/4 h	308 mg/l (rat (Ratte))
Hydrocarbons, C7-C9, n-alkanes, iso-alkanes, cyclic compounds (outside EU:CAS 64742-49-0))		
Oral	LD50	5,000 mg/kg (rat (Ratte))
Dermal	LD50	3,000 mg/kg (rab)
110-12-3 5-methylhexan-2-one		
Oral	LD50	5,657 mg/kg (rat (Ratte))
Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)*		
Oral	LD50	>2,000 mg/kg (rat (Ratte))
Dermal	LD50	>2,000 mg/kg (rab)
Inhalative	LC50/4 h	>5 mg/l (rat (Ratte))
64-17-5 ethanol		
Oral	LD50	10,470 mg/kg (rat (Ratte))
Dermal	LD50	>2,000 mg/kg (rab)
Inhalative	LC50/4 h	117-125 mg/l (rat (Ratte))

· ***Primary irritant effect:***
· ***Skin corrosion/irritation*** *Based on available data, the classification criteria are not met.*
· ***Serious eye damage/irritation*** *Causes serious eye irritation.*
· ***Respiratory or skin sensitisation*** *Based on available data, the classification criteria are not met.*
· ***Germ cell mutagenicity*** *Based on available data, the classification criteria are not met.*
· ***Carcinogenicity*** *Based on available data, the classification criteria are not met.*
· ***Reproductive toxicity*** *Based on available data, the classification criteria are not met.*
· ***STOT-single exposure*** *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.*

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· ***Other observations:***
Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effect such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system.
Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
The liquid splashed in the eyes may cause irritation and reversible damage.
· ***11.2 Information on other hazards***
· ***Endocrine disrupting properties***
The product does not contain any substance above the legal limits (> 0.1%) that is included in the list established under Article 59(1) of Regulation (EC) No 1907/2006 on the basis of endocrine disrupting properties or that has endocrine disrupting or endocrine disrupting properties according to Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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SECTION 12: Ecological information

· ***12.1 Toxicity***

· ***Aquatic toxicity:***	
110-12-3 5-methylhexan-2-one	
LC50/96h	*159 mg/l (fish)*
EC50/72h	*>100 mg/l (algae)*
Hydrocarbobns C9 aromatics (outside EU: CAS64742-95-6)*	
LC/EC/IC50	*> 1-≤10 mg/l (algae)*
	> 1-≤10 mg/l (fish)
	> 1-≤10 mg/l (invertebrates (Wirbellose))

· ***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***
The product does not contain any substance above the legal limits (> 0.1%) that meets the criteria for PBT
(persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).
· ***12.6 Endocrine disrupting properties***
For information on endocrine disrupting properties see section 11.
· ***12.7 Other adverse effects***
· ***Remark:*** *Harmful to fish*
· ***Other information:*** *There are no data available on the preparation itself.*
· ***Additional ecological information:***
· ***General notes:***
Water hazard class 2 (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water bodies or sewage systems.
Danger to drinking water if even small quantities leak into soil.
Harmful to aquatic organisms

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
The relevant EU directives as well as local, regional and national regulations must be observed.
Must not be disposed of together with household garbage. Do not allow product to enter into sewage systems.

· **European waste catalogue**	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

· **Uncleaned packagings:**
· **Recommendation:**
Disposal must be made according to official regulations.
Emptied containers must be sent for scrap recycling or reconditioning. Containers that have not been emptied properly are hazardous waste (waste code no. 150110).

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SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR, IMDG, IATA**	UN1950
· **14.2 UN proper shipping name**	
· **ADR**	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
· **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**	Void
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	No
· **14.6 Special precautions for user**	Warning: Gases.
· **Kemler Number:**	-

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· **EMS Number:**	F-D,S-U
· **Stowage Code**	SW1 Protected from sources of heat. SW2 Clear of living quarters.
· **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
· **Remarks:**	Exception: Aerosols under 1000 ml do not conform to requirements (IMDG Code Amdt. 32-04; Kap. 3.3 SV 277).
· **UN "Model Regulation":**	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

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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

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

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· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

108-88-3	toluene	3

· **National regulations**

· **Water hazard class:**
Water hazard class 2 (Self-assessment): hazardous for water.
(AwSV 2017)
· **VOC value EC %:** 90.4 %
· **VOC (EU)** 740 g/l
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.

· **Reasons for alterations** Update of GHS (EC) No 1272/2008
· **Relevant phrases** Hazard warnings for the ingredients listed under point 3
· **Classification according to Regulation (EC) No 1272/2008**
Physical hazard: Flash point (° C)
Health and environmental hazards: calculation method

· **Department issuing data specification sheet:** department product safety
· **Date of previous version:** 16.03.2026
· **Version number of previous version:** 17
· **Abbreviations and acronyms:**
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)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (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
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 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3