

## Safety data sheet

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

Printing date 14.05.2024

Version number 67 (replaces version 66)

Revision: 30.03.2022

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

##### 1.1 Product identifier

Trade name: **DUPLI-COLOR LINEMARKER WHITE 600 ML**

Article number: 895173

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

No further relevant information available.

##### Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category Paint remover

##### Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

Application of the substance / the mixture Paint

##### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

European Aerosols B.V.\*

Wolfraamweg 2

NL-8471 XC Wolvega

The Netherlands

Tel : +31 (0)561 694400

e-mail: sds-nl@european-aerosols.com

\*Formerly known as Motip Dupli B.V.

Further information obtainable from: Department Product Safety

##### 1.4 Emergency telephone number:

+31 (0)561-694400 (09:00h - 17:00h)

UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111

#### SECTION 2: Hazards identification

##### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



flame

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



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

##### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

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**· Hazard pictograms**

GHS02 GHS07

**· Signal word** *Danger***· Hazard-determining components of labelling:***acetone**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**butanone**Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics***· Hazard statements***H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.**H319 Causes serious eye irritation.**H336 May cause drowsiness or dizziness.***· 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.**EUH208 Contains Fatty acids, tall-oil, esters with polyethylene glycol mono(hydrogen maleate), compds. with amides from diethylenetriamine and tall-oil fatty acids. May produce an allergic reaction.**EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.**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> <i>Flam. Liq. 2, H225</i> <i>Eye Irrit. 2, H319; STOT SE 3, H336</i> <i>EUH066</i>	12.5-<20%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	<i>propane</i> <i>Flam. Gas 1A, H220</i> <i>Press. Gas (Comp.), H280</i>	10-<12.5%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	<i>butane (containing &lt; 0,1 % butadiene (203-450-8))</i> <i>Flam. Gas 1A, H220</i> <i>Press. Gas (Comp.), H280</i>	5-<10%

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CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide ☠ Carc. 2, H351	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: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3 Reg.nr.: 01-2119457290-43	butanone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	5-<10%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ STOT SE 3, H336 EUH066	5-<10%
EC number: 927-241-2 Reg.nr.: 01-2119471843-32	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ STOT SE 3, H336 Aquatic Chronic 3, H412 EUH066	2.5-<5%
EC number: 905-588-0 Reg.nr.: 01-2119488216-32-xxxx	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	2.5-<5%
CAS: 222716-38-3 EC number: 638-743-3	Fatty acids, tall-oil, esters with polyethylene glycol mono(hydrogen maleate), compds. with amides from diethylenetriamine and tall-oil fatty acids ⚠ STOT RE 2, H373 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	≥0.1-<0.25%

**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.

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.

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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:** 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.
- **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** 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.  
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/m <sup>3</sup> , 1500 ppm
	Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm

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

WEL Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm  
Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm  
Carc (if more than 0.1% of buta-1.3-diene)

**13463-67-7 titanium dioxide**

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*total inhalable \*\*respirable

**78-93-3 butanone**

WEL Short-term value: 899 mg/m<sup>3</sup>, 300 ppm  
Long-term value: 600 mg/m<sup>3</sup>, 200 ppm  
Sk, BMGV

**xylene**

WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 220 mg/m<sup>3</sup>, 50 ppm  
Sk; BMGV

**· 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)
	DNEL	186 mg/kg /per day (Worker, longterm systemic)
Inhalative	DNEL	2420 mg/m <sup>3</sup> (Worker, acute local)
	DNEL	1210 mg/m <sup>3</sup> (Worker, longterm systemic)
	DNEL	200 mg/m <sup>3</sup> (Consumer, longterm systemic)
	DNEL	60 mg/m <sup>3</sup>

**78-93-3 butanone**

Oral	DNEL	31 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	1161 mg/kg /per day (Worker, longterm systemic)
	DNEL	412 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	600 mg/m <sup>3</sup> (Worker, longterm systemic)
	DNEL	106 mg/m <sup>3</sup> (Consumer, longterm systemic)

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral	DNEL	125 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	208 mg/kg /per day (Worker, longterm systemic)
	DNEL	125 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	871 mg/m <sup>3</sup> (Worker, longterm systemic)
	DNEL	185 mg/m <sup>3</sup> (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 <sup>3</sup> (Worker, longterm systemic)
	DNEL	221 mg/m <sup>3</sup> (Worker, longterm local)
	DNEL	442 mg/m <sup>3</sup> (Worker, acute systemic)
	DNEL	289 mg/m <sup>3</sup> (Worker, acute local)
	DNEL	14.8 mg/m <sup>3</sup> (Consumer, longterm systemic)
	DNEL	260 mg/m <sup>3</sup> (Consumer; acute systemic)
	DNEL	65.3 mg/m <sup>3</sup> (Consumer, longterm local)
	DNEL	260 mg/m <sup>3</sup> (Consumer, acute local)

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**· PNECs****67-64-1 acetone**

PNEC	10.6 mg/l (Freshwater)
PNEC	1.06 mg/l (Seawater)
PNEC	21 mg/l (Sporadic release)
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)

**78-93-3 butanone**

PNEC	55.8 mg/l (Freshwater)
PNEC	55.8 mg/l (Seawater)
PNEC	55.8 mg/l (Sporadic release)
PNEC	709 mg/l (Sewage treatment plant)
PNEC	284.7 mg/kg (Freshwater sediment)
PNEC	284.7 mg/kg (Seawater sediment)

**· Ingredients with biological limit values:****78-93-3 butanone**

BMGV	70 µmol/L
	Medium: urine
	Sampling time: post shift
	Parameter: butan-2-one

**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 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.

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

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**· 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.

**· 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:**

Different according to colouring

**· Odour:**

Solvent-like

**· 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:**

1.7 Vol % (74-98-6 propane)

**· Upper:**

13 Vol % (67-64-1 acetone)

**· Flash point:**

Not applicable, as aerosol.

**· Auto-ignition temperature:**

240 °C (464 °F) (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics)

**· 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):**

3500 hPa (2625.2 mm Hg)

**· Density and/or relative density****· Density at 20 °C (68 °F):**0.8 g/cm<sup>3</sup> (6.7 lbs/gal)**· Relative density**

Not determined.

**· Vapour density**

Not determined.

**· 9.2 Other information****· Appearance:****· Form:**

Aerosol

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- **Important information on protection of health and environment, and on safety.**
- **Explosive properties:** Not determined.
- **Solvent content:**
- **Organic solvents:** 62.3 %
- **VOC (EC)** ---  
523.2 g/l
- **VOC-EU%** 62.28 %
- **Solids content:** 37.5 %
- **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** Based on available data, the classification criteria are not met.

#### · 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)
	LC50 / 96 h	5540 mg/l (oncorhynchus mykiss)

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**78-93-3 butanone**

Oral	LD50	>2193 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	34 mg/m <sup>3</sup> (rat)

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral	LD50	>5000 mg/kg /per day (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4 h	>5000 mg/m <sup>3</sup> (rat) (OECD 403)

**xylene**

Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m <sup>3</sup> (rat)

- **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**

78-93-3 butanone

List II

**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))

**78-93-3 butanone**

LC50 / 48 h	308 mg/l (daphnia magna)
LC50 / 72 h	1972 mg/l (Pseudokirchneriella Subcapitata)
LC50 / 96 h	2990 mg/l (fish)

**xylene**

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

- **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**
- **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.

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

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**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

· **Segregation groups**

(SGG18) Alkalis

· **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.

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<ul style="list-style-type: none"> <li>For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.</li> <li>For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.</li> </ul>	
<ul style="list-style-type: none"> <li><b>14.7 Maritime transport in bulk according to IMO instruments</b></li> </ul>	Not applicable.
<b>Transport/Additional information:</b>	
<ul style="list-style-type: none"> <li><b>ADR</b></li> <li><b>Limited quantities (LQ)</b> 1L</li> <li><b>Excepted quantities (EQ)</b> Code: E0 Not permitted as Excepted Quantity</li> <li><b>Transport category</b> 2</li> <li><b>Tunnel restriction code</b> D</li> </ul>	
<ul style="list-style-type: none"> <li><b>IMDG</b></li> <li><b>Limited quantities (LQ)</b> 1L</li> <li><b>Excepted quantities (EQ)</b> Code: E0 Not permitted as Excepted Quantity</li> </ul>	
<ul style="list-style-type: none"> <li><b>UN "Model Regulation":</b></li> </ul>	UN 1950 AEROSOLS, 2.1

\*

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- 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

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
- 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.
- H302 Harmful if swallowed.

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GB

# Safety data sheet

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

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**Trade name: DUPLI-COLOR LINEMARKER WHITE 600 ML**

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- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- 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.
- H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· **Classification according to Regulation (EC) No 1272/2008**

Data is based on internal technical data and technical data from suppliers.

· **Department issuing SDS: R&D legislation and regulatory advisor**

· **Contact: e-mail: sds-nl@european-aerosols.com**

· **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 (UK REACH)

PNEL: 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

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – 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 Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· **\* Data compared to the previous version altered.**