

# Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

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

### 1.1 Product identifier

Trade name: **COLOUR SPRAY BLACK**

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

No further relevant information available.

### Application of the substance / the mixture

Colour spray

Only for proper handling.

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

#### Manufacturer/Supplier:

MOTOREX AG

Bern-Zürich-Strasse 31, Postfach

CH-4901 Langenthal

Tel. +41 (0)62 919 75 75

www.motorex.com

Further information obtainable from: [msds@motorex.com](mailto:msds@motorex.com)

### 1.4 Emergency telephone number:

In case of a medical emergency following exposure to a chemical, the public should call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

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.

#### Hazard pictograms



GHS02 GHS07

#### Signal word Danger

#### Hazard-determining components of labelling:

acetone

ethyl acetate

#### Hazard statements

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

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

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.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

(Contd. on page 2)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 1)

P280 Wear eye protection / face protection.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 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.  
 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:**

Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.

**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	acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	≥20-≤25%
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	≥20-≤25%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	≥5-≤10%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336, EUH066	≥5-≤10%
CAS: 1330-20-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	≥1-≤2.5%

· **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.

(Contd. on page 3)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 2)

- **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:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **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 to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
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.  
Do not spray onto a naked flame or any incandescent material.
- **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

(Contd. on page 4)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 3)

**141-78-6 ethyl acetate**

WEL Short-term value: 1468 mg/m<sup>3</sup>, 400 ppm  
Long-term value: 734 mg/m<sup>3</sup>, 200 ppm

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

WEL Short-term value: 548 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 274 mg/m<sup>3</sup>, 50 ppm  
Sk

**123-86-4 n-butyl acetate**

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

**1330-20-7 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****141-78-6 ethyl acetate**

Oral	DNEL/general population/Systemic effects/Long-term	4.5 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	63 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	37 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	734 mg/m <sup>3</sup> (worker)
	DNEL/Workers/Systemic effects/acute-short term	1,468 mg/m <sup>3</sup> (worker)
	DNEL/Workers/Local effects/acute-short term	1,468 mg/m <sup>3</sup> (worker)
	DNEL / Workers / Local Effects / Long-term	734 mg/m <sup>3</sup> (worker)
	DNEL/general population/Systemic effects/Long-term	367 mg/m <sup>3</sup> (consumer)
	DNEL/general pop/Systemic effects/acute-short term	734 mg/m <sup>3</sup> (consumer)
	DNEL/general pop/Local effects/acute-short term	734 mg/m <sup>3</sup> (consumer)
	DNEL/general population/Local effects/Long-term	367 mg/m <sup>3</sup> (consumer)

**123-86-4 n-butyl acetate**

Oral	DNEL/general population/Systemic effects/Long-term	2 mg/kg/24h (consumer)
	DNEL/general pop/Systemic effects/acute-short term	2 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	7 mg/kg/24h (worker)
	DNEL/Workers/Systemic effects/acute-short term	11 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	3.4 mg/kg/24h (consumer)
Inhalative	DNEL/general pop/Systemic effects/acute-short term	6 mg/kg/24h (consumer)
	DNEL / Workers / Systemic effects / Long-term	48 mg/m <sup>3</sup> (worker)
	DNEL/Workers/Systemic effects/acute-short term	600 mg/m <sup>3</sup> (worker)
	DNEL/Workers/Local effects/acute-short term	600 mg/m <sup>3</sup> (worker)
	DNEL / Workers / Local Effects / Long-term	300 mg/m <sup>3</sup> (worker)
	DNEL/general population/Systemic effects/Long-term	12 mg/m <sup>3</sup> (consumer)
	DNEL/general pop/Systemic effects/acute-short term	300 mg/m <sup>3</sup> (consumer)
	DNEL/general pop/Local effects/acute-short term	300 mg/m <sup>3</sup> (consumer)
DNEL/general population/Local effects/Long-term	35.7 mg/m <sup>3</sup> (consumer)	

**1330-20-7 xylene**

Oral	DNEL/general population/Systemic effects/Long-term	1.6 mg/kg/24h (consumer)
Dermal	DNEL / Workers / Systemic effects / Long-term	180 mg/kg/24h (worker)
	DNEL/general population/Systemic effects/Long-term	108 mg/kg/24h (consumer)
Inhalative	DNEL / Workers / Systemic effects / Long-term	77 mg/m <sup>3</sup> (worker)

(Contd. on page 5)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 4)

DNEL/Workers/Local effects/acute-short term	289 mg/m <sup>3</sup> (worker)
DNEL/general population/Systemic effects/Long-term	14.8 mg/m <sup>3</sup> (consumer)

**- PNECs****67-64-1 acetone**

PNEC / Aquatic organisms / Freshwater	10.6 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Marine water	1.06 mg/l (aquatic organisms)
PNEC / Aquatic org / intermittent releases (freshwater)	21 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sewage treatment plant/STP	100 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sediment (freshwater)	30.4 mg/kg (aquatic organisms)
PNEC / Aquatic organisms / Sediment (marine water)	3.04 mg/kg (aquatic organisms)
PNEC / Terrestrial organism / Soil	29.5 mg/kg (aquatic organisms)

**141-78-6 ethyl acetate**

Oral PNEC / Predators / Secondary poisoning	200 mg/kg food (secondary poisoning (predators))
PNEC / Aquatic organisms / Freshwater	0.24 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Marine water	0.024 mg/l (aquatic organisms)
PNEC / Aquatic org / intermittent releases (freshwater)	1.65 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sewage treatment plant/STP	650 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sediment (freshwater)	1.15 mg/kg (aquatic organisms)
PNEC / Aquatic organisms / Sediment (marine water)	0.115 mg/kg (aquatic organisms)
PNEC / Terrestrial organism / Soil	0.148 mg/kg (terrestrial organisms)

**123-86-4 n-butyl acetate**

PNEC / Aquatic organisms / Freshwater	0.18 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Marine water	0.018 mg/l (aquatic organisms)
PNEC / Aquatic org / intermittent releases (freshwater)	0.36 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sewage treatment plant/STP	35.6 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sediment (freshwater)	0.981 mg/kg (aquatic organisms)
PNEC / Aquatic organisms / Sediment (marine water)	0.0981 mg/kg (aquatic organisms)
PNEC / Terrestrial organism / Soil	0.0903 mg/kg (terrestrial organisms)

**1330-20-7 xylene**

PNEC / Aquatic organisms / Freshwater	0.327 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Marine water	0.327 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sewage treatment plant/STP	6.58 mg/l (aquatic organisms)
PNEC / Aquatic organisms / Sediment (freshwater)	12.46 mg/kg (aquatic organisms)

(Contd. on page 6)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 5)

PNEC / Aquatic organisms / Sediment (marine water)	12.46 mg/kg (aquatic organisms)
PNEC / Terrestrial organism / Soil	2.31 mg/kg (terrestrial organisms)

**· Ingredients with biological limit values:**

**1330-20-7 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.

Avoid contact with the eyes and skin.

· **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.

Not necessary if room is well-ventilated.

Respiratory protection if formation of aerosol or mist: use mask with filter type A2, A2/P2 or ABEK.

· **Hand protection**

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

· **Material of gloves**

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

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

· **Eye/face protection** Safety glasses

· **Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

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

· **General Information**

· **Physical state**

Aerosol

· **Colour:**

Black

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

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

-42 °C (DIN EN ISO 3405)

· **Flammability**

Not applicable.

(Contd. on page 7)

GB

# Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

Trade name: COLOUR SPRAY BLACK

(Contd. of page 6)

· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	1.9 Vol %
· <b>Upper:</b>	13 Vol %
· <b>Flash point:</b>	-100 °C
· <b>Ignition temperature:</b>	333 °C (DIN 51794)
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Consistency</b>	
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Heat Capacity</b>	
· <b>Vapour pressure:</b>	8300 mbar @ 20 °C
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.84 g/cm <sup>3</sup> (ASTM D 4052)
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Liquefied gas
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not applicable.

· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Extremely flammable aerosol. Pressurised container: May burst if heated.
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

GB

(Contd. on page 8)

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

Trade name: COLOUR SPRAY BLACK

(Contd. of page 7)

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

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

#### LD/LC50 values relevant for classification:

##### 67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat)
	NOAEL	20,000 ppm (mouse) 10,000-50,000 ppm (rat)
	LOAEL	50,000 ppm (mouse) 20,000 ppm (rat)
Dermal	LD50	9.4-20 ml/kg (rabbit)
	LD50	7,426-15,800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
	LC50 / 8h	50.1 mg/l (rat)
	NOAEC	19,000 ppm (rat)

##### 141-78-6 ethyl acetate

Oral	LD50	4,934 mg/kg (rabbit)
	LD50	11.3 ml/kg (rat)
	NOAEL	900 mg/kg/24h (rat)
	LOAEL	3,600 mg/kg/24h (rat)
Dermal	LD50	20,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	1,600 mg/l (rat)
	NOEC	350 ppm (rat)

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

Oral	LD50	8,532 mg/kg (rat)
Inhalative	LC50 / 4h	35.7 mg/l (rat)

##### 123-86-4 n-butyl acetate

Oral	LD50	10,736-12,760 mg/kg (rat)
	LD50	12.2-14.5 ml/kg (rat)
Dermal	LD50	16 ml/kg (rabbit)
	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	>21 mg/l (rat)
	LC50 / 4h	1,087-1,109 ppm (rat)
	LC50 / 4h	740-71,500 mg/m <sup>3</sup> (rat)
	NOAEC	500 ppm (rat)

(Contd. on page 9)

GB



# Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 8)

**1330-20-7 xylene**

Oral	LD50	5,251-5,627 mg/kg (mouse) 3,523-4,000 mg/kg (rat)
	NOAEL	150-250 mg/kg/24h (rat)
Dermal	LOAEL	150 mg/kg/24h (rat)
	LD50	5,000 ml/kg (rabbit)
Inhalative	LD50	12,126 mg/kg (rabbit)
	LC50 / 4h	6,350-6,700 ppm (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**

None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**67-64-1 acetone**

LC50	5,540-8,120 mg/l/96h (fish)
LC50	8,800 mg/l/48h (aquatic invertebrates)
LC50	2,100 mg/l/24h (aquatic invertebrates)
NOEC	1,106-2,212 mg/l/28d (aquatic invertebrates)

**141-78-6 ethyl acetate**

LC50	230 mg/l/96h (fish)
EC10	2,300 mg/l/48h (algae / cyanobacteria)
EC50	2.306 mg/l/24h (aquatic invertebrates)
EC50	220 mg/l/96h (fish)
EC50	5,600 mg/l/48h (algae / cyanobacteria)
NOEC	2.4 mg/l/21d (aquatic invertebrates)
NOEC	100 mg/l/72h (algae / cyanobacteria)

**123-86-4 n-butyl acetate**

LC50	18 mg/l/96h (fish)
LC50	43.5 mg/l/21d (aquatic invertebrates)
EC50	18 mg/l/96h (fish)
EC50	246-674.7 mg/l/72h (algae / cyanobacteria)
EC50	34.2 mg/l/21d (aquatic invertebrates)
EC50	32-44 mg/l/48h (aquatic invertebrates)
	392 mg/l/48h (algae / cyanobacteria)
NOEC	23.2 mg/l/21d (aquatic invertebrates)
NOEC	105-196 mg/l/72h (algae / cyanobacteria)
NOEC	196 mg/l/48h (algae / cyanobacteria)
LOEC	47.6 mg/kg/28d (aquatic invertebrates)

**1330-20-7 xylene**

LC50	2.6 mg/l/96h (fish)
EC50	157 mg/l/3h (microorganisms)

(Contd. on page 10)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 9)

EC50	96 mg/l/24h (microorganisms)
EC10	0.72-1.9 mg/l/72h (algae / cyanobacteria)
EC50	2.2-4.36 mg/l/72h (algae / cyanobacteria)
NOEC	0.44 mg/l/72h (algae / cyanobacteria)
NOEC	0.96-1.17 mg/l/7d (aquatic invertebrates)
NOEC	157 mg/l/3h (microorganisms)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential**

**67-64-1 acetone**

Partition coefficient	-0.23 [---] (log Kow) (Bioaccumulation)
Biodegradability	91 % (28d) (Biodegradability) (OECD 301 B)

**141-78-6 ethyl acetate**

Partition coefficient	0.68-0.73 [---] (log Kow) (Bioaccumulation)
Biodegradability	>70 % (28d) (Biodegradability) (BOD)

**123-86-4 n-butyl acetate**

Partition coefficient	1.81-2.3 [---] (log Kow) (Bioaccumulation)
Bioconcentration factor (BCF)	15 BCF (Bioaccumulation)
Biodegradability	83 % (28d) (Biodegradability) (OECD 301 D)

**1330-20-7 xylene**

Partition coefficient	3.12-3.2 [---] (log Kow) (Bioaccumulation)
Biodegradability	87.8 % (28d) (Biodegradability) (OECD 301 F)

· **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**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 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.

Contact waste processors for recycling information.

Return product and/or partially emptied container in original packaging to the point of sale or hand it over to a collection point for special waste.

· **Uncleaned packaging:**

· **Recommendation:**

Disposal must be made according to official regulations.

Discharged containers can contain flammable or explosive vapours.

GB

(Contd. on page 11)

# Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

Trade name: COLOUR SPRAY BLACK

(Contd. of page 10)

## SECTION 14: Transport information

· 14.1 UN number or ID number

· ADR/RID/ADN, IMDG, IATA

UN1950

· 14.2 UN proper shipping name

· ADR/RID/ADN

1950 AEROSOLS

· IMDG

AEROSOLS

· IATA

AEROSOLS, flammable

· 14.3 Transport hazard class(es)

· ADR/RID/ADN



· Class

2.5F Gases.

· Label

2.1

· IMDG, IATA



· Class

2.1 Gases.

· Label

2.1

· 14.4 Packing group

· ADR/RID/ADN, IMDG, IATA

Void

· 14.5 Environmental hazards:

Not applicable.

· 14.6 Special precautions for user

Warning: Gases.

· Hazard identification number (Kemler code): -

· EMS Number:

F-D,S-U

· Stowage Code

SW1 Protected from sources of heat.

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

· Segregation Code

SG69 For AEROSOLS with a maximum capacity of 1 litre:

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

For AEROSOLS with a capacity above 1 litre:

Segregation as for the appropriate subdivision of class 2.

For WASTE AEROSOLS:

Segregation as for the appropriate subdivision of class 2.

· 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

· Transport/Additional information:

· ADR/RID/ADN

· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

(Contd. on page 12)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 11)

· <b>Transport category</b>	2
· <b>Tunnel restriction code</b>	D
-----	
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	UN 1950 AEROSOLS, 2.1

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P3b** FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has 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 classification of the mixture was carried out by calculation in accordance with the rules laid down in Annex I of Regulation (EC) No 1272/2008. No special training instructions to ensure protection of human health and environment are required.

- **purity requirement**
- **Relevant phrases**
  - H225 Highly flammable liquid and vapour.
  - H226 Flammable liquid and vapour.
  - H304 May be fatal if swallowed and enters airways.
  - H312 Harmful in contact with skin.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H332 Harmful if inhaled.
  - H335 May cause respiratory irritation.
  - H336 May cause drowsiness or dizziness.
  - H373 May cause damage to organs through prolonged or repeated exposure.
- **EUH066** Repeated exposure may cause skin dryness or cracking.

· **Department issuing SDS:** Abteilung Produktsicherheit

· **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)  
 DNEL: Derived No-Effect Level (UK REACH)  
 PNEC: Predicted No-Effect Concentration (UK REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Aerosol 1: Aerosols – Category 1

(Contd. on page 13)

GB

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 12)

- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1
- \* **Data compared to the previous version altered.**

**Annex: Exposure scenario 1**

- **Short title of the exposure scenario** Industrial use of sprays
- **Sector of Use**  
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Product category**  
PC14 Metal surface treatment products  
PC34 Textile dyes, and impregnating products
- **Process category** PROC11 Non industrial spraying
- **Environmental release category**  
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)  
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
- **Description of the activities / processes covered in the Exposure Scenario**  
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting consumer exposure** Not required.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

**Annex: Exposure scenario 2**

- **Short title of the exposure scenario** Professional use of sprays
- **Sector of Use**  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

(Contd. on page 14)

# Safety data sheet

## according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 13)

- **Product category**  
PC14 Metal surface treatment products  
PC34 Textile dyes, and impregnating products
- **Process category** PROC11 Non industrial spraying
- **Environmental release category**  
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)  
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
- **Description of the activities / processes covered in the Exposure Scenario**  
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting consumer exposure** Not required.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

### Annex: Exposure scenario 3

- **Short title of the exposure scenario** Private use of sprays
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
- **Product category**  
PC14 Metal surface treatment products  
PC34 Textile dyes, and impregnating products
- **Process category** PROC11 Non industrial spraying
- **Environmental release category**  
ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)  
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
- **Description of the activities / processes covered in the Exposure Scenario**  
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting consumer exposure** Not required.

(Contd. on page 15)

GB

# Safety data sheet

according to 1907/2006/EC, Article 31



Printing date 14.10.2022

Version number 1.0

Revision: 14.10.2022

**Trade name: COLOUR SPRAY BLACK**

(Contd. of page 14)

- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures** No special measures required.
- **Personal protective measures** No special measures required.
- **Measures for consumer protection** No special measures required.
- **Environmental protection measures**
- **Air** No special measures required.
- **Water** No special measures required.
- **Disposal measures** Ensure that waste is collected and contained.
- **Disposal procedures** Dispose of product residues with household waste.
- **Waste type** Partially emptied and uncleaned packaging
- **Exposure estimation**
- **Consumer** Not relevant for this Exposure Scenario.
- **Guidance for downstream users** No further relevant information available.

GB