

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

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

1.1 Product identifier

AEROSOL (006900)

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

Relevant identified uses

PC 9a - Coatings and paints, thinners, paint removers

Sector of uses [SU]

Industrial uses: Uses of substances as such or in preparations at industrial sites

Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

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

Product Categories [PC]

PC 9a - Coatings and paints, thinners, paint removers

Process categories [PROC]

PROC 1 - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions

PROC 2 - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 3 - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC 4 - Chemical production where opportunity for exposure arises

PROC 5 - Mixing or blending in batch processes

PROC 7 - Industrial spraying

PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC 10 - Roller application or brushing

PROC 11 - Non industrial spraying

PROC 13 - Treatment of articles by dipping and pouring

PROC 15 - Use as laboratory reagent

PROC 19 - Manual activities involving hand contact

PROC 21 - Low energy manipulation of substances bound in materials and/or articles

PROC 24 - High (mechanical) energy work-up of substances bound in/on materials and/or articles

PROC 25 - Other hot work operations with metals

Environmental release categories [ERC]

ERC 2 - Formulation into mixture (mixtures)

ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

ERC 5 - Use at industrial site leading to inclusion into/onto article

ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

ERC 8c - Widespread use leading to inclusion into/onto article (indoor)

ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

ERC 8f - Widespread use leading to inclusion into/onto article (outdoor)

Article categories [AC]

SEE TECHNICAL DATA SHEET

AC 1 - Vehicles

AC 2 - Machinery, mechanical appliances, electrical/electronic articles

AC 4 - Stone, plaster, cement, glass and ceramic articles

AC 5 - Fabrics, textiles and apparel

AC 6 - Leather articles

AC 7 - Metal articles

AC 8 - Paper articles

AC 10 - Rubber articles

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

AC 11 - Wood articles
AC 13 - Plastic articles
http://ec.europa.eu/taxation_customs/dds/

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Professional Paint Company bvba

Street : Havenlaan 8

Postal code/city : 3980 Tessenderlo

Telephone : +32 13 667546

Telefax : +32 13 661741

Information contact : Ihsan Ozdemir (T: +32 13667546 E: ehs@plpcoatings.com)

1.4 Emergency telephone number

Ihsan Ozdemir (T: +32 13667546 E: ehs@plpcoatings.com)

+32 13 667546 (telephone calls will only be answered at office hours: 8.30 am - 5.00 pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Aerosol 1 ; H222 - Aerosols : Category 1 ; Extremely flammable aerosol.

Aerosol 1 ; H229 - Aerosols : Category 1 ; Pressurised container: May burst if heated.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

STOT RE 2 ; H373 - STOT-repeated exposure : Category 2 ; May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Flame (GHS02) · Health hazard (GHS08) · Exclamation mark (GHS07)

Signal word

Danger

Hazard components for labelling

XYLENE ; CAS No. : 1330-20-7

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H373 May cause damage to organs through prolonged or repeated exposure.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

P211 Do not spray on an open flame or other ignition source.
P312 Call a POISON CENTER/doctor/... if you feel unwell.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

XYLENE ; REACH registration No. : 01-2119488216-32 ; EC No. : 215-535-7 ; CAS No. : 1330-20-7

Weight fraction : $\geq 10 - < 20 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 STOT RE 2 ; H373 Acute Tox. 4 ; H312 Acute Tox. 4 ; H332 Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

ACETONE ; REACH registration No. : 01-2119471330-49 ; EC No. : 200-662-2 ; CAS No. : 67-64-1

Weight fraction : $\geq 2,5 - < 10 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336

ETHYLBENZENE ; REACH registration No. : 01-2119489370-35 ; EC No. : 202-849-4 ; CAS No. : 100-41-4

Weight fraction : $\geq 2,5 - < 10 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Asp. Tox. 1 ; H304 STOT RE 2 ; H373 Acute Tox. 4 ; H332 Aquatic Chronic 3 ; H412

HYDROCARBONS ; REACH registration No. : 01-2119489867-12 ; EC No. : 265-148-2 ; CAS No. : 64742-46-7

Weight fraction : $\geq 2,5 - < 10 \%$

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

BUTAN-1-OL ; REACH registration No. : 01-2119484630-38 ; EC No. : 200-751-6 ; CAS No. : 71-36-3

Weight fraction : $\geq 2,5 - < 3 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 STOT SE 3 ; H335 STOT SE 3 ; H336

METHANOL ; REACH registration No. : 01-2119433307-44 ; EC No. : 200-659-6 ; CAS No. : 67-56-1

Weight fraction : $< 2,5 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Acute Tox. 3 ; H301 Acute Tox. 3 ; H311 Acute Tox. 3 ; H331 STOT SE 1 ; H370

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Following inhalation

Remove casualty to fresh air and keep warm and at rest. Consult a doctor immediately in the case of inhaling spray mist and show him packing or label.

In case of skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

After ingestion

Do NOT induce vomiting. Call a physician in any case!

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

36/37 - Irritating to eyes and respiratory system. 20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. Headache Dizziness Vomiting

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam Extinguishing powder Carbon dioxide (CO₂)

Unsuitable extinguishing media

Water spray jet

5.2 Special hazards arising from the substance or mixture

Nitrogen oxides (NO_x) Carbon monoxide Burning produces heavy smoke. Hazardous combustion products

5.3 Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Do not inhale explosion and combustion gases.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent/minimise exposures and to report any skin problems that may develop. Use personal protection equipment.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Sawdust Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protection equipment (refer to section 8). Use only in well-ventilated areas. Take precautionary measures against static discharges. Wear anti-static footwear and clothing Handling Precautions against fire and explosion Vapours are heavier than air, spread along floors and form explosive mixtures with air. This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment). P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect against direct sunlight. 13 - Keep away from food, drink and animal feedingstuffs. Materials to avoid Strong

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

acid Oxidizing agent Keep only in the original container in a cool, well-ventilated place.

Hints on joint storage

Storage class (TRGS 510) : 2B

Further information on storage conditions

Storage temperature : 12 months in original, unopened packaging, protected from extreme cold and excessive heat (- 5°C < t°C < 35°C).

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection



8.1 Control parameters

Occupational exposure limit values

PROPANE ; CAS No. : 74-98-6

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 1000 ppm / 1800 mg/m³
Peak limitation : 4(II)
Version : 07-06-2018

BUTANE ; CAS No. : 106-97-8

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 1000 ppm / 2400 mg/m³
Peak limitation : 4(II)
Version : 07-06-2018

XYLENE ; CAS No. : 1330-20-7

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 100 ppm / 440 mg/m³
Peak limitation : 2(II)
Remark : H
Version : 07-06-2018

Limit value type (country of origin) : STEL (EC)
Limit value : 100 ppm / 442 mg/m³
Remark : H
Version : 31-01-2018

Limit value type (country of origin) : TWA (EC)
Limit value : 50 ppm / 221 mg/m³
Remark : H
Version : 31-01-2018

ACETONE ; CAS No. : 67-64-1

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 500 ppm / 1200 mg/m³
Peak limitation : 2(I)
Remark : Y
Version : 07-06-2018

Limit value type (country of origin) : TWA (EC)
Limit value : 500 ppm / 1210 mg/m³
Version : 31-01-2018

ETHYLBENZENE ; CAS No. : 100-41-4

Limit value type (country of origin) : TRGS 900 (D)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

Limit value : 20 ppm / 88 mg/m³
Peak limitation : 2(II)
Remark : H, Y
Version : 07-06-2018
Limit value type (country of origin) : STEL (EC)
Limit value : 200 ppm / 884 mg/m³
Remark : H
Version : 31-01-2018
Limit value type (country of origin) : TWA (EC)
Limit value : 100 ppm / 442 mg/m³
Remark : H
Version : 31-01-2018

BUTAN-1-OL ; CAS No. : 71-36-3

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 100 ppm / 310 mg/m³
Peak limitation : 1(I)
Remark : Y
Version : 07-06-2018

METHANOL ; CAS No. : 67-56-1

Limit value type (country of origin) : TRGS 900 (D)
Limit value : 200 ppm / 270 mg/m³
Peak limitation : 4(II)
Remark : H, Y
Version : 07-06-2018
Limit value type (country of origin) : TWA (EC)
Limit value : 200 ppm / 260 mg/m³
Remark : H
Version : 31-01-2018

Remark

Y: A risk of reproductive effects needs not to be feared if the occupational exposure limit value (AGW) and the biological limit value (BGW) is kept Z: A risk of reproductive effects cannot to be excluded if the occupational exposure limit value (AGW) and the biological limit value (BGW) is kept H: skin resorptive

Biological limit values

Biological limit values

XYLENE ; CAS No. : 1330-20-7

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Methylhippuric acid / Urine (U) / End of exposure or end of shift
Limit value : 2000 mg/l
Version : 07-06-2018

ACETONE ; CAS No. : 67-64-1

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Acetone / Urine (U) / End of exposure or end of shift
Limit value : 80 mg/l
Version : 07-06-2018

ETHYLBENZENE ; CAS No. : 100-41-4

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Mandelic acid + Phenylglyoxyl acid / Urine (U) / End of exposure or end of shift
Limit value : 250 mg/g Kr
Version : 07-06-2018

BUTAN-1-OL ; CAS No. : 71-36-3

Limit value type (country of origin) : TRGS 903 (D)
Parameter : 1-Butanol / Urine (U) / Before next shift
Limit value : 2 mg/g Kr
Version : 07-06-2018

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

Limit value type (country of origin) : TRGS 903 (D)
Parameter : 1-Butanol / Urine (U) / End of exposure or end of shift
Limit value : 10 mg/g Kr
Version : 07-06-2018

METHANOL ; CAS No. : 67-56-1

Limit value type (country of origin) : TRGS 903 (D)
Parameter : Methanol / Urine (U) / End of exposure or end of shift ; At long term exposure: after several previous shifts
Limit value : 30 mg/l
Version : 07-06-2018

DNEL/DMEL and PNEC values

DNEL/DMEL PNEC

DNEL/DMEL

Limit value type : DNEL/DMEL (Consumer) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Inhalation
Exposure frequency : Short-term (acute)
Limit value : = 174 mg/m³
Limit value type : DNEL/DMEL (Consumer) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Inhalation
Exposure frequency : Short-term
Limit value : = 174 mg/m³
Limit value type : DNEL/DMEL (Consumer) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Inhalation
Exposure frequency : Long-term (repeated)
Limit value : = 14,8 mg/m³
Limit value type : DNEL/DMEL (Consumer) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : = 108 mg/kg
Limit value type : DNEL/DMEL (Consumer) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Oral
Exposure frequency : Long-term (repeated)
Limit value : = 1,6 mg/kg
Limit value type : DNEL/DMEL (Industrial) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Inhalation
Exposure frequency : Short-term
Limit value : = 289 mg/m³
Limit value type : DNEL/DMEL (Industrial) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Inhalation
Exposure frequency : Long-term (repeated)
Limit value : = 77 mg/m³
Limit value type : DNEL/DMEL (Industrial) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Dermal
Exposure frequency : Long-term (repeated)
Limit value : = 180 mg/kg
Limit value type : DNEL/DMEL (Industrial) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Inhalation
Exposure frequency : Short-term (acute)
Limit value : = 289 mg/m³

PNEC

Limit value type : PNEC (Aquatic, freshwater) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Water (Including sewage plant)
Exposure time : Long-term (continuous)
Limit value : = 0,327 mg/l
Limit value type : PNEC (Sediment, freshwater) (XYLENE ; CAS No. : 1330-20-7)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

Exposure route : Soil
Exposure time : Long-term (continuous)
Limit value : = 12,46 mg/kg
Limit value type : PNEC soil, freshwater (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Soil
Exposure time : Long-term (continuous)
Limit value : = 2,31 mg/kg
Limit value type : PNEC (Sewage treatment plant) (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Water (Including sewage plant)
Exposure time : Long-term (continuous)
Limit value : = 6,58 mg/l

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Wear eye glasses with side protection according to EN 166.

Skin protection

Chemical resistant safety shoes Wear anti-static footwear and clothing When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Repeated or prolonged exposure:

Glove material: PVA Fluoridated rubber , Glove thickness : (*), Breakthrough time : > 480 min , Comments : EN 374 (*) gehele laagdikte

Upon exposure by splashes:

Glove material: Nitrile , Glove thickness : > 0.45 mm , Breakthrough time : > 30 min , Comments : EN 374 Hand protection

Suitable material : Butyl caoutchouc (butyl rubber)

Respiratory protection

23 - Do not breathe vapour. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Half-face mask or quarter facepiece: maximum use concentration for substances with exposure limits: P1 filter: up to a max. of 4 times the exposure limit. P2 filter: up to a max. of 10 times the exposure limit. P3 filter: up to a max. of 30 times the expo. DIN-/EN-Norms (EN 529) Filtrertypes: A and AX (Brown) // Class 1, 2 and 3

General health and safety measures

13 - Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately. Precautions for safe handling

Occupational exposure controls

Technical measures to prevent exposure

Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Physical state :			gaseous
Flash point :		<	21 °C
Density :	(20 °C)	approx.	0,98 g/cm ³
Relative vapour density (air = 1)		>	1

9.2 Other information

None

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Take precautionary measures against static discharges.

10.5 Incompatible materials

Strong acid Oxidizing agent.

10.6 Hazardous decomposition products

The product is stable under storage at normal ambient temperatures.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50 (XYLENE ; CAS No. : 1330-20-7)
Exposure route :	Oral
Species :	Rat
Effective dose :	3523 mg/kg
Parameter :	LD50 (ACETONE ; CAS No. : 67-64-1)
Exposure route :	Oral
Species :	Rat
Effective dose :	9750 mg/kg
Parameter :	LD50 (ETHYLBENZENE ; CAS No. : 100-41-4)
Exposure route :	Oral
Species :	Rat
Effective dose :	3500 mg/kg
Parameter :	LD50 (BUTAN-1-OL ; CAS No. : 71-36-3)
Exposure route :	Oral
Species :	Rat
Effective dose :	790 mg/kg
Parameter :	LD50 (METHANOL ; CAS No. : 67-56-1)
Exposure route :	Oral
Species :	Rat
Effective dose :	5628 mg/kg

Acute dermal toxicity

Parameter :	LD50 (XYLENE ; CAS No. : 1330-20-7)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	12126 mg/kg
Parameter :	LD50 (ACETONE ; CAS No. : 67-64-1)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	20 g/kg
Parameter :	LD50 (ETHYLBENZENE ; CAS No. : 100-41-4)
Exposure route :	Dermal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

Species : Rabbit
Effective dose : 5000 mg/kg
Parameter : LD50 (BUTAN-1-OL ; CAS No. : 71-36-3)
Exposure route : Dermal
Species : Rabbit
Effective dose : 3400 mg/kg
Parameter : LD50 (METHANOL ; CAS No. : 67-56-1)
Exposure route : Dermal
Species : Rabbit
Effective dose : 15,8 g/kg

Acute inhalation toxicity

Parameter : LC50 (XYLENE ; CAS No. : 1330-20-7)
Exposure route : Inhalation
Species : Rat
Effective dose : 27124 mg/m³
Exposure time : 4 h
Parameter : LC50 (BUTAN-1-OL ; CAS No. : 71-36-3)
Exposure route : Inhalation
Species : Rat
Effective dose : 8000 ppm
Parameter : LC50 (METHANOL ; CAS No. : 67-56-1)
Exposure route : Inhalation
Species : Practical experience/human evidence
Effective dose : 64 g/kg

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) algae toxicity

Parameter : EC50 (XYLENE ; CAS No. : 1330-20-7)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : = 1 mg/l
Exposure time : 48 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Parameter : Bioconcentration factor (BCF) (XYLENE ; CAS No. : 1330-20-7)
Bioconcentration factor (BCF)
Bioconcentration factor (BCF)
Value : = 25,9

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

13.1 Waste treatment methods

Handle contaminated packages in the same way as the substance itself. Dispose according to legislation.

SECTION 14: Transport information

14.1 UN number

UN 1950

14.2 UN proper shipping name

Land transport (ADR/RID)

AEROSOLS

Sea transport (IMDG)

AEROSOLS

Air transport (ICAO-TI / IATA-DGR)

AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 2
Classification code : 5F
Hazard identification number (Kemler No.) : 23
Tunnel restriction code : D
Special provisions : LQ 1 | · E 0
Hazard label(s) : 2.1

Sea transport (IMDG)

Class(es) : 2.1
EmS-No. : F-D / S-U
Special provisions : LQ 1 | · E 0
Hazard label(s) : 2.1

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 2.1
Special provisions : E 0
Hazard label(s) : 2.1

14.4 Packing group

14.5 Environmental hazards

Land transport (ADR/RID) : No

Sea transport (IMDG) : No

Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Use restriction according to REACH annex XVII, no. : 3, 40, 69

National regulations

Störfallverordnung

For substances contained in the product

METHANOL ; CAS No. : 67-56-1 ; Category : 2.24

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : AEROSOL
Revision date : 05-04-2019
Print date : 29-04-2019

Version (Revision) : 12.0.0 (11.0.2)

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)

Classification according to AwSV - Class : 2 (Significant hazardous to water)

Other regulations, restrictions and prohibition regulations

VOC-Regulation

VOC-value : <= 600 g/l according to 31. BImSchV

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

03. Hazardous ingredients · 07. Hints on joint storage - Storage class · 08. Occupational exposure limit values · 15. Restrictions on use · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.