

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No. 2015/830



Trade name : 113661 - Carbol-Fuchsin basic solution

Revision date : 22/06/2021

Print date : 15/02/2022

Version : 1.0.0

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

1.1 Product identifier

Carbol-Fuchsin basic solution (113661)

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

Relevant identified uses

For manufacturing, processing, laboratory or repacking use only.

Uses advised against

Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet

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

DC Fine Chemicals Ltd

Street : 88 Hill Top

Postal code/city : NW11 6DY London United Kingdom

Telephone : +44 (0)20 7586 6800

Telefax : +44 (0)20 7504 1701

Information contact : info@dcfinechemicals.com

1.4 Emergency telephone number

(Only available during office hours; Monday-Friday; 08:00-18:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Acute Tox. 4 ; H312 - Acute toxicity (dermal) : Category 4 ; Harmful in contact with skin.

Acute Tox. 4 ; H332 - Acute toxicity (inhalative) : Category 4 ; Harmful if inhaled.

Acute Tox. 4 ; H302 - Acute toxicity (oral) : Category 4 ; Harmful if swallowed.

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

Flam. Liq. 2 ; H225 - Flammable liquids : Category 2 ; Highly flammable liquid and vapour.

Muta. 2 ; H341 - Germ cell mutagenicity : Category 2 ; Suspected of causing genetic defects.

2.2 Label elements

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

Hazard pictograms



Flame (GHS02) · Health hazard (GHS08) · Corrosion (GHS05) · Exclamation mark (GHS07)

Signal word

DANGER

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Hazard components for labelling

Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5

Phenol detached crystals ; CAS No. : 108-95-2

Fuchsin basic (C.I. 42510) ; CAS No. : 632-99-5

Hazard statements

H225 Highly flammable liquid and vapour.

H341 Suspected of causing genetic defects.

H314 Causes severe skin burns and eye damage.

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.

Precautionary statements

P202 Do not handle until all safety precautions have been read and understood.

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

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

Ethanol absolute partially denatured with Bitrex ; REACH No. : 01-2119457610-43-XXXX ; EC No. : 200-578-6; CAS No. : 64-17-5

Weight fraction : $\geq 7.9 \%$

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

Phenol detached crystals ; REACH No. : 01-2119471329-32-XXXX ; EC No. : 203-632-7; CAS No. : 108-95-2

Weight fraction : $\geq 5 \%$

Classification 1272/2008 [CLP] : Acute Tox. 3 ; H301 Acute Tox. 3 ; H311 Acute Tox. 3 ; H331 Muta. 2 ; H341 STOT RE 2 ; H373 Skin Corr. 1B ; H314

Fuchsin basic (C.I. 42510) ; REACH No. : N/D ; EC No. : 211-189-6; CAS No. : 632-99-5

Weight fraction : $\geq 0.6 \%$

Classification 1272/2008 [CLP] : Carc. 1A ; H350

Additional information

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician. After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. If accidentally ingested, seek immediate medical attention, NEVER induce vomiting. Remove victim out of the danger area. When in doubt or if symptoms are observed, get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

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Contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required. Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. Accidental contact may result in serious respiratory difficulties, alteration of the central nervous system and in extreme cases, unconsciousness.

4.3 Indication of any immediate medical attention and special treatment needed

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

SECTION 5: Firefighting measures

The product is Highly inflammable, it can cause or considerably worsen a fire, the necessary prevention measures should be taken and risks avoided. In case of fire, the following measures are recommended:

5.1 Extinguishing media

Suitable extinguishing media

Extinguisher powder or CO₂. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable extinguishing media

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

5.2 Special hazards arising from the substance or mixture

Special risks: Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health. Pyrolysis products, toxic

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Do not inhale explosion and combustion gases. Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Special protective equipment for firefighters

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Clear spills immediately.

For non-emergency personnel

Wear a self-contained breathing apparatus and chemical protective clothing. Remove persons to safety.

For emergency responders

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

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. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

For containment

Collect in closed and suitable containers for disposal.

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For cleaning up

The contaminated area should be cleaned up immediately with: Water Soak up inert absorbent and dispose as waste requiring special attention. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Avoid dust formation. Clear spills immediately.

6.4 Reference to other sections

Reference to other sections Disposal: see section 13 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Protective measures



When using do not eat, drink, smoke, sniff. personal protection equipment (refer to section 8).

Measures to prevent aerosol and dust generation

Vapours can form explosive mixtures with air. Take precautionary measures against static discharges. Use only in well-ventilated areas. Do not breathe the gas/fumes/vapour/spray. Do not breathe dust.

Environmental precautions

Use appropriate container to avoid environmental contamination.

Specific requirements or handling rules

Handle and open container with care.

Advices on general occupational hygiene

Take care for general good hygiene and housekeeping.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Only use containers specifically approved for the substance/product.

Hints on joint storage

Store at least 3 metres apart from: Chemicals/products that react together readily Protect against Humidity. UV-radiation/sunlight

Storage class (TRGS 510) : 3

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5

Limit value type (country of origin) : VLA (GLOB)

Limit value : 1000 ppm / 1910 mg/m³

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DNEL-/PNEC-values

DNEL/DMEL

Limit value type : DNEL Consumer (local) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Exposure route : Inhalation
Exposure frequency : Short-term
Limit value : 950 mg/m³

Limit value type : DNEL Consumer (systemic) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 114 mg/m³

Limit value type : DNEL Consumer (systemic) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Exposure route : Oral
Exposure frequency : Long-term
Limit value : 87 mg/kg

Limit value type : DNEL Consumer (systemic) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 206 mg/kg

Limit value type : DNEL worker (local) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Exposure route : Inhalation
Exposure frequency : Short-term
Limit value : 1900 mg/m³

Limit value type : DNEL worker (systemic) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 950 mg/m³

Limit value type : DNEL worker (systemic) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Exposure route : Dermal
Exposure frequency : Short-term
Limit value : 343 mg/kg

Limit value type : DNEL worker (systemic) (Phenol detached crystals ; CAS No. : 108-95-2)

Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 8 mg/m³

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Limit value type : DNEL worker (systemic) (Phenol detached crystals ; CAS No. : 108-95-2)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 1.23 mg/kg bw/day

PNEC

Limit value type : PNEC (Aquatic, freshwater) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 0.96 mg/l

Limit value type : PNEC (Aquatic, intermittent release) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 2.75 mg/l

Limit value type : PNEC (Aquatic, marine water) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 0.79 mg/l

Limit value type : PNEC (Sediment, freshwater) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 3.6 mg/kg

Limit value type : PNEC (Soil) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Soil
Exposure time : Short-term
Limit value : 0.63 mg/kg

Limit value type : PNEC (Secondary poisoning) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure time : Short-term
Limit value : 0.72 mg/kg

Limit value type : PNEC (Sewage treatment plant) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 580 mg/l

Limit value type : PNEC (Aquatic, freshwater) (Phenol detached crystals ; CAS No. : 108-95-2)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 0.0077 mg/l

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Limit value type : PNEC (Aquatic, marine water) (Phenol detached crystals ; CAS No. : 108-95-2)
Exposure route : Water (Including sewage plant)
Exposure time : Short-term
Limit value : 0.0077 mg/l

8.2 Exposure controls

Only wear fitting, comfortable and clean protective clothing.

Personal protection equipment

Eye/face protection



Eye glasses with side protection Face protection shield DIN EN 166

Skin protection

Hand protection



Tested protective gloves must be worn EN ISO 374 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.

Body protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Wear anti-static footwear and clothing Wash contaminated clothing prior to re-use.



Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Particle filter device (DIN EN 143). The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-



contained breathing apparatus must be used.

Thermal hazards

No special measures are necessary.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : solid

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Safety characteristics

Melting point/freezing point :	(1013 hPa)	No data available	
Initial boiling point and boiling range :	(1013 hPa)	78 °C	
Decomposition temperature :	(1013 hPa)	No data available	
Flash point :		47 °C	
Auto-ignition temperature :		No data available	
Lower explosion limit :		No data available	
Upper explosion limit :		No data available	
Vapour pressure :	(50 °C)	No data available	
Density :	(20 °C)	0.99	g/cm ³
Solvent separation test :	(20 °C)	not applicable	
Water solubility :	(20 °C)	No data available	
Fat solubility :	(20 °C)	No data available.	
pH :		No data available	
log P O/W :		No data available	
Flow time :	(20 °C)	No data available	DIN-cup 4 mm
Viscosity :	(20 °C)	No data available	
Relative vapour density :	(20 °C)	No data available	
Evaporation rate :		No data available	
Flammable solids :		No data available.	
Flammable gases :		No data available.	
Explosive properties :		No data available.	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

The product does not present hazards by their reactivity.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature. Safe handling: see section 7

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Avoid any improper handling.

10.5 Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

10.6 Hazardous decomposition products

In case of fire may be liberated: Hazardous combustion products Depending on conditions of use, can be generated the following products: Corrosive vapors or gases.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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Acute toxicity

Acute oral toxicity

Parameter : LD50 (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Oral
Species : Rat
Effective dose : 6200 mg/kg

Parameter : LD50 (Phenol detached crystals ; CAS No. : 108-95-2)
Exposure route : Oral
Species : Rat
Effective dose : 340 mg/kg

Acute dermal toxicity

Parameter : LD50 (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Dermal
Species : Rabbit
Effective dose : 20 g/kg

Parameter : LD50 (Phenol detached crystals ; CAS No. : 108-95-2)
Exposure route : Dermal
Species : Rabbit
Effective dose : 660 mg/kg

Acute inhalation toxicity

Parameter : LC50 (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Exposure route : Inhalation
Species : Rat
Effective dose : 124.7 mg/l
Exposure time : 4 h

Parameter : LC50 (Phenol detached crystals ; CAS No. : 108-95-2)
Exposure route : Inhalation
Species : Rat
Effective dose : > 900 mg/m³
Exposure time : 8 h

Corrosion

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory or skin sensitisation

No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No information available.

Germ cell mutagenicity

No information available.

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Reproductive toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Species : Alburnus alburnus (alburnum)

Evaluation parameter : Acute (short-term) fish toxicity

Effective dose : 11000 mg/l

Exposure time : 96 h

Parameter : LC50 (Phenol detached crystals ; CAS No. : 108-95-2)

Species : Oncorhynchus mykiss (Rainbow trout)

Evaluation parameter : Acute (short-term) fish toxicity

Effective dose : 8.9 mg/l

Exposure time : 96 h

Acute (short-term) toxicity to crustacea

Parameter : EC50 (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)

Species : Daphnia magna (Big water flea)

Evaluation parameter : Acute (short-term) toxicity to crustacea

Effective dose : 9268 mg/l

Exposure time : 48 h

Parameter : EC50 (Phenol detached crystals ; CAS No. : 108-95-2)

Species : Ceriodaphnia spec

Evaluation parameter : Acute (short-term) toxicity to crustacea

Effective dose : 3.1 mg/l

Exposure time : 48 h

Parameter : EC10 (Phenol detached crystals ; CAS No. : 108-95-2)

Species : Daphnia magna (Big water flea)

Evaluation parameter : Acute (short-term) toxicity to crustacea

Effective dose : 0.46 mg/l

Exposure time : 16 D

Acute (short-term) toxicity to aquatic algae and cyanobacteria

Parameter : IC50 (Phenol detached crystals ; CAS No. : 108-95-2)

Species : Pseudokirchneriella subcapitata

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Evaluation parameter : Acute (short-term) toxicity to aquatic algae and cyanobacteria
Effective dose : 61.1 mg/l
Exposure time : 96 h

Toxicity to other aquatic plants/organisms

Parameter : IC50 (Phenol detached crystals ; CAS No. : 108-95-2)
Species : Entomoneis punctulata cf
Evaluation parameter : Toxicity to other aquatic plants/organisms
Effective dose : 76 mg/l
Exposure time : 72 h

Parameter : IC50 (Phenol detached crystals ; CAS No. : 108-95-2)
Species : Nitrosomonas sp
Evaluation parameter : Toxicity to other aquatic plants/organisms
Effective dose : 21 mg/l
Exposure time : 24 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Parameter : Bioconcentration factor (BCF) (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Bioconcentration factor (BCF)
Bioconcentration factor (BCF)
Concentration : 3

Parameter : Bioconcentration factor (BCF) (Phenol detached crystals ; CAS No. : 108-95-2)
Bioconcentration factor (BCF)
Concentration : 17.5

Parameter : Log KOW (Ethanol absolute partially denatured with Bitrex ; CAS No. : 64-17-5)
Partition coefficient: n-octanol/water
Partition coefficient: n-octanol/water
Concentration : -0.3

Parameter : Log KOW (Phenol detached crystals ; CAS No. : 108-95-2)
Partition coefficient: n-octanol/water
Partition coefficient: n-octanol/water
Concentration : 1.47

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.

SECTION 13: Disposal considerations

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13.1 Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management. Follow the provisions of Directive 2008/98/EC regarding waste management.

Product/Packaging disposal

Waste treatment options

Recycle according to official regulations. Evidence for disposal must be provided.

Appropriate disposal / Product

Dispose of waste according to applicable legislation.

Appropriate disposal / Package

Non-contaminated packages must be recycled or disposed of. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number

UN 1992

14.2 UN proper shipping name

Land transport (ADR/RID)

FLAMMABLE LIQUID, TOXIC, N.O.S. (Ethanol absolute partially denatured with Bitrex · Phenol detached crystals)

Sea transport (IMDG)

FLAMMABLE LIQUID, TOXIC, N.O.S. (Ethanol absolute partially denatured with Bitrex · Phenol detached crystals)

Air transport (ICAO-TI / IATA-DGR)

FLAMMABLE LIQUID, TOXIC, N.O.S. (Ethanol absolute partially denatured with Bitrex · Phenol detached crystals)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 3

Classification code : F1

Hazard identification number (Kemler No.) : 30

Tunnel restriction code : D/E

Special provisions : LQ 5 I · E 1 · Transport in containers with max. 450 litres contents are not subject to the regulations of ADR/RID.

Hazard label(s) : 3

Sea transport (IMDG)

Class(es) : 3

EmS-No. : F-E / S-E

Special provisions : LQ 5 I · E 1 · IMDG 2.3.2.5 (<= 30 l)

Hazard label(s) : 3

Air transport (ICAO-TI / IATA-DGR)

Class(es) : 3

Special provisions : E 1

Hazard label(s) : 3

14.4 Packing group

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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

Hazard label(s) :



14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

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Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

Hazard categories P5b Flammable liquids

Hazard categories P5c Flammable liquids

Lower-tier requirements (t) 50

Lower-tier requirements (t) 5000

Upper-tier requirements (t) 200

Upper-tier requirements (t) 50000

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to AwSV

Percentage of carcinogenic substances WGK 3 : - 0 %

Percentage of carcinogenic substances WGK 2 : - 0 %

Percentage of carcinogenic substances : + 0.6 %

Percentage of substances WGK 3 : - 0 %

Percentage of substances WGK 3 with M-Factor : - 0 %

Percentage of substances WGK 3 (nwg) : - 0 %

Percentage of substances WGK 2 : - 0 %

Percentage of substances WGK 2 with M-Factor : - 0 %

Percentage of substances WGK 1 : + 7.9 %

Percentage of substances non-hazardous to water (nwg) : 92.1 %

Percentage of substances unidentified : - 0 %

Percentage of substances unidentified (nwg) : - 0 %

Percentage of floating liquids : 0 %

15.2 Chemical safety assessment

No information available.

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SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

ADR:	Accord européen relative au transport international des marchandises dangereuses par route (accordo europeo relativo al trasporto internazionale delle merci pericolose su strada)
ASTM:	ASTM International, originariamente nota come American Society for Testing and Materials (ASTM)
EINECS:	European Inventory of Existing Commercial Chemical Substances (Registro Europeo delle Sostanze chimiche in Commercio)
EC50:	Effective Concentration 50 (Concentrazione Effettiva Massima per il 50% degli Individui)
LC50:	Lethal Concentration 50 (Concentrazione Letale per il 50% degli Individui)
IC50:	Inhibitor Concentration 50 (Concentrazione Inibente per il 50% degli Individui)
NOEL:	No Observed Effect Level (Dose massima senza effetti)
DNEL:	Derived No Effect Level (Dose derivata di non effetto)
DMEL:	Derived Minimum Effect Level (Dose derivata di minimo effetto)
CLP:	Classification, Labelling and Packaging (Classificazione, Etichettatura e Imballaggio)
CSR:	Rapporto sulla Sicurezza Chimica (Chemical Safety Report)
LD50:	Lethal Dose 50 (Dose Letale per il 50% degli Individui)
IATA:	International Air Transport Association (Associazione Internazionale del Trasporto Aereo)
ICAO:	International Civil Aviation Organization (Organizzazione Internazionale dell'Aviazione Civile)
Codice IMDG:	International Maritime Dangerous Goods code (Codice sul Regolamento del Trasporto Marittimo)
PBT:	Persistent, bioaccumulative and toxic (sostanze persistenti bioaccumulabili e tossiche)
RID:	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regolamento concernente il trasporto Internazionale ferroviario delle merci Pericolose)
STEL:	Short term exposure limit (limite di esposizione a breve termine)
TLV:	Threshold limit value (soglia di valore limite)
TWA:	Time Weighted Average (media ponderata nel tempo)
UE:	Unione Europea
vPvB:	Very persistent very bioaccumulative (sostanze molto persistenti e molto bioaccumulabili)
N.D.:	Non disponibile.
N.A.:	Non applicabile
VvWvS.:	Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VvWvS)

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.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H341	Suspected of causing genetic defects.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No. 2015/830



Trade name : 113661 - Carbol-Fuchsin basic solution

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H350 May cause cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

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.
