

### Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

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

##### 1.1 Product identifier

Trade name: DELTA® AntiCor DTS Verdünnung RP

Safety data sheet number: 07-071904388401

EC number:

918-668-5

Registration number 01-2119455851-35-xxxx

##### 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 Thinner, Diluent

##### Uses advised against

This product is not suitable for uses other than those specified in the "Use of the substance/mixture". If your particular manner of use is not listed, please contact the creator of this safety data sheet.

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

###### Manufacturer/Supplier:

Dörken Coatings GmbH &amp; Co. KG

formely: CD-Color GmbH &amp; Co. KG

Wetterstr. 58

58313 Herdecke

Germany

www.doerkencoatings.de

Phone: +49 2330 63 243

Fax: +49 2330 63 100 243

Further information obtainable from: [msds.coatings@doerken.de](mailto:msds.coatings@doerken.de)

##### 1.4 Emergency telephone number:

Australia: 61-290372994

United Kingdom: 44-870-8200418 and 44-2038073798

#### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3

H226

Flammable liquid and vapour.



GHS08 health hazard

Asp. Tox. 1

H304

May be fatal if swallowed and enters airways.



GHS09 environment

Aquatic Chronic 2 H411

Toxic to aquatic life with long lasting effects.

(Contd. on page 2)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 1)



GHS07

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

### 2.2 Label elements

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

The substance is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS02



GHS07



GHS08



GHS09

**Signal word** Danger

#### Hazard-determining components of labelling:

Hydrocarbons, C9, aromatics

#### Hazard statements

H226 Flammable liquid and vapour.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

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

P240 Ground and bond container and receiving equipment.

P261 Avoid breathing mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection.

P301+P310 IF SWALLOWED: Immediately call a doctor.

P331 Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a doctor if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3 Other hazards

Vapours of the product are heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

Vapours can form explosive mixtures with air.

In case of inhalation: Higher doses may lead to a narcotic effect.

(Contd. on page 3)

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 2)

**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.1 Substances****CAS No. Description**

Hydrocarbons, C9, aromatics

**Identification number(s)****EC number:** 918-668-5**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

In all cases of doubt, or when symptoms persist, seek medical advice.

Soiled, soaked clothes immediately take off.

Never give anything by mouth to an unconscious person.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Wash with plenty of soap and water.**After eye contact:**

Remove contact lenses. Keep eye lids open and rinse plentifully for at least 10 minutes with clean running water. Subsequently consult an ophthalmologist.

In case of troubles or persistent symptoms, consult an ophthalmologist.

**After swallowing:**

Rinse mouth thoroughly with water.

Risk of aspiration!

Do not induce vomiting; call for medical help immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

Inhalation may cause an irritating effect to mucous membranes.

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Headache, dizziness, numbness, sickness/nausea, tiredness, stunning effect, dry skin, allergic reactions.

**Hazards**

When swallowed and vomited immediately, aspiration into the lungs may occur resulting in chemical pneumonia or suffocation.

**4.3 Indication of any immediate medical attention and special treatment needed**

Symptomatic treatment.

DE/EN

(Contd. on page 4)

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 3)

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

Extinguishing powder, foam, carbon dioxide.

Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture**

Flammable liquid and vapour.

Can form explosive gas-air mixtures.

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

Fire will produce dangerous decomposition products like dense, black smoke, carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO) and nitrogen oxides (NO<sub>x</sub>). Inhalation may cause serious health damage.

Under certain fire conditions, traces of other toxic gases cannot be excluded.

**5.3 Advice for firefighters****Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources and ensure a well-ventilated room. Do not inhale fumes.

Avoid contact with skin and eyes.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

**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**

Avoid the formation of ignitable and explosion- hazardous solution vapours.

(Contd. on page 5)

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 4)

Ensure good ventilation/exhaustion at the workplace.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Material can become charged elektrostatically. Anti-static clothing including shoes are recommended.

Avoid contact with skin and eyes as well as inhalation of vapours.

Avoid the handling of incompatible substances and mixtures. Incompatible substances: see section 10.5

### Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Solvent fumes are heavier than air and spread over the ground. Fumes can form an explosive mixture with air.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage:

#### Requirements to be met by storerooms and receptacles:

Make sure spills can be contained, e.g. in sump pallets.

Protect from frost, heat and direct sunlight. Keep tightly closed, cool and dry.

#### Information about storage in one common storage facility:

Note the rules for common storage in accordance with TRGS 510 - "Storage of hazardous substances in transportable containers".

Store away from foodstuffs.

**Further information about storage conditions:** None.

**Storage class:** 3

**7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### Additional information about design of technical facilities:

Ensure a good ventilation. This can be achieved by local exhaustion or general exhaust air.

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

#### Hydrocarbons, C9, aromatics

AGW (Germany)	Long-term value: 100 mg/m <sup>3</sup> 2(II); AGS
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**Regulatory information** AGW (Germany): TRGS 900

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls** Provide good ventilation and/or an exhaust system in the work area.

### Personal protective equipment:

#### General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing

Do not eat, drink, smoke or sniff while working.

Use skin protection cream for skin protection.

(Contd. on page 6)

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 5)

**Respiratory protection:**

Use always breathing protection with splashing medium.  
 Use combination filter type A(-P2) according to EN 141.

**Protection of hands:**

Work with gloves. Gloves must be inspected for damage before use. Defective or damaged gloves must not be used. Gloves must satisfy the specifications of EC directive 89/686/EWG and standard EN 374.

**Material of gloves**

Nitrile rubber

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

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

**Eye protection:**

Tightly sealed safety goggles are to be worn during all work, in accordance with EN 166.  
 Have eye wash bottle or eye rinse ready at work place.  
 Professional Cooperative Rules - BGR 192 Use of eye and face protection

**Body protection:** Solvent resistant protective clothing

**SECTION 9: Physical and chemical properties**
**9.1 Information on basic physical and chemical properties**
**General Information**
**Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless

<b>Odour:</b>	Strong after aromatic hydrocarbons
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<b>Odour threshold:</b>	Not determined.
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<b>pH-value:</b>	Not applicable.
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**Change in condition**

<b>Melting point/Freezing point:</b>	< -100 °C Not security-related.
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<b>Initial boiling point and boiling range:</b>	140 °C
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<b>Flash point:</b>	>35 °C
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<b>Flammability (solid, gas):</b>	Not applicable.
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<b>Ignition temperature:</b>	400 °C The specified ignition temperature refers to the solvent manufacturer specifications.
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(Contd. on page 7)

DE/EN

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 6)

<b>Decomposition temperature:</b>	Not determined.
<b>Auto-ignition temperature:</b>	The product contains linseed oil varnish. Autoignition possible e.g. when using wetted rags (autooxidation).
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	7 Vol %
	The specified explosion limits refer to the solvent manufacturer specifications.
<b>Oxidising properties</b>	The product is flammable, although not oxidising.
<b>Vapour pressure at 20 °C:</b>	2 hPa The specified vapour pressure refers to the solvent manufacturer specifications.
<b>Relative density</b>	< 1,00
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with</b>	
<b>water:</b>	Not miscible or difficult to mix.
<b>polar solvents:</b>	Not miscible or difficult to mix.
<b>non-polar solvents:</b>	Fully miscible.
<b>Partition coefficient: n-octanol/water:</b>	For mixtures not applicable.
<b>Viscosity:</b>	< 60 s (20°C / ISO 2431 / 6 mm) < 20,5 mm <sup>2</sup> /s (40°C)
<b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity**
**10.1 Reactivity** Vapours can form explosive mixtures with air.

**10.2 Chemical stability** Product is stable under normal storage conditions.

**10.3 Possibility of hazardous reactions**

No dangerous reactions known.

No dangerous reactions are known.

**10.4 Conditions to avoid** Keep away from heat sources, sparks and open flames.

**10.5 Incompatible materials:** strong oxidizing agents

(Contd. on page 8)

DE/EN

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 7)

**10.6 Hazardous decomposition products:**

In case of fire arise: smoke and carbon oxides. Under certain fire conditions tracks of other toxic products can not be excluded.

**SECTION 11: Toxicological information**
**11.1 Information on toxicological effects**
**Acute toxicity**

The product is not tested as one of the above but rather is classified according to the conventional method (calculation procedure set out in the EU Regulation (EC) No 1272/2008) and according to the toxicological risks. See chapters 2 and 3 for detail.

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

The quoted data are literature values and/or manufacturer/supplier data.

**Hydrocarbons, C9, aromatics**

Oral	LD <sub>50</sub>	3592 mg/kg (rat)
Dermal	LD <sub>50</sub>	> 3160 mg/kg (rabbit)
Inhalative	LC <sub>50</sub> / 4 h	> 20 mg/l (rat)

**Skin corrosion/irritation** Repeated exposure may cause skin dryness or cracking.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

The product is not classified as carcinogenic, mutagenic or toxic to reproduction (CMR properties).

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause respiratory irritation. May cause drowsiness or dizziness.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard**

Due to the viscosity (see section 9), classification as an aspiration hazard is omitted.

May be fatal if swallowed and enters airways.

**General notes:**

Inhalation of solvent concentrations in excess of the OEL or MAK limit values can lead to health damage such as irritation of the mucous membranes and respiratory tract, damage to the kidneys and liver, and impairment of the central nervous system. Symptoms: headaches, dizziness, fatigue, muscle weakness, narcotic effect and, in exceptional cases, loss of consciousness. Prolonged or repeated contact with the product impairs the skin's natural lipid replenishment and causes the skin to dry out. The product can enter the body through the skin. Splashes of solvent may cause irritation to the eye and reversible damage.

DE/EN

(Contd. on page 9)



**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 8)

**SECTION 12: Ecological information**
**12.1 Toxicity**
**Aquatic toxicity:**

Toxic to aquatic life with long lasting effects.

**Hydrocarbons, C9, aromatics**

EC <sub>50</sub> / 48 h	6.14 mg/l (daphnia)
LC <sub>50</sub> / 96 h	9.22 mg/l (fish)

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

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**General notes:**

Do not allow product to reach ground water, water course or sewage system.

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

**12.5 Results of PBT and vPvB assessment**

This product does not contain relevant substances that have been assessed as persistent, bioaccumulative and toxic (PBT) or as very persistent and very bioaccumulative (vPvB).

**PBT:** Not applicable.**vPvB:** Not applicable.
**12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**
**13.1 Waste treatment methods**
**Recommendation**

Special waste. Do not empty residuals into drain or WC; send to collection for problem waste. Do not dispose of with household waste.

**European waste catalogue**

08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP 3	Flammable
HP 5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP 14	Ecotoxic

**Uncleaned packaging:**
**Recommendation:**

Disposal must be made according to official regulations.

Not contaminated packages may be recycled.

Do not dispose of with household waste. Do not empty into drains.

(Contd. on page 10)

DE/EN

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 9)

Hand over receptacles/packagings with remainders/leftovers to hazardous waste disposers or collection site for hazardous waste.

**SECTION 14: Transport information**
**UN-Number**  
**ADR, IMDG, IATA**

UN1263

**14.2 UN proper shipping name**  
**ADR**
1263 PAINT RELATED MATERIAL,  
ENVIRONMENTALLY HAZARDOUS**IMDG**PAINT RELATED MATERIAL (Solvent naphtha  
(petroleum), light arom.), MARINE POLLUTANT**IATA**

PAINT RELATED MATERIAL

**14.3 Transport hazard class(es)**
**ADR**
**Class**  
**Label**  
**IMDG**
3 (F1) Flammable liquids.  
3
**Class**  
**Label**  
**IATA**
3 Flammable liquids.  
3
**Class**  
**Label**
3 Flammable liquids.  
3
**Packing group**  
**ADR, IMDG, IATA**

III

**14.5 Environmental hazards:**Product contains environmentally hazardous substances:  
Solvent naphtha (petroleum), light arom.**Marine pollutant:**

Symbol (fish and tree)

**Special marking (ADR):**

Symbol (fish and tree)

**14.6 Special precautions for user**

Warning: Flammable liquids.

(Contd. on page 11)

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 10)

<b>Hazard identification number (Kemler code):</b>	30
<b>EMS Number:</b>	F-E, <u>S-E</u>
<b>Stowage Category</b>	A

<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
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**Transport/Additional information:****ADR**

<b>Limited quantities (LQ)</b>	5L
<b>Excepted quantities (EQ)</b>	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml

<b>Transport category</b>	3
<b>Tunnel restriction code</b>	D/E

**IMDG**

<b>Limited quantities (LQ)</b>	5L
<b>Excepted quantities (EQ)</b>	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml

<b>Remarks:</b>	Not subject to the IMDG provisions when packed in receptacles not exceeding 30 L capacity.
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<b>UN "Model Regulation":</b>	UN 1263 PAINT RELATED MATERIAL, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS
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**SECTION 15: Regulatory information**
**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** Substance is not listed.
**Seveso category**

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
**National regulations:****Information about limitation of use:**

Observe employment restrictions concerning young persons.

Observe employment restrictions for expectant or nursing mothers.

**Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

**Labelling according to Regulation (EC) No 2004/42** Not applicable.

DE/EN

(Contd. on page 12)

**Safety data sheet**

according to 1907/2006/EC, Article 31

Printing date 01.09.2020

Version number 01-01

Revision: 01.09.2020

**Trade name: DELTA® AntiCor DTS Verdünnung RP**

(Contd. of page 11)

**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 given conditions of work of the user extract themselves from our knowledge and control. The product/the preparation may be used without written permission for no other use, than the mentioned intended purpose. The user is responsible for the observance of all necessary legal instructions.

This Safety Data Sheet replaces all previous versions. With the newest version in each case, the preceding Safety Data Sheets are set out of strength.

For further information please consult the "Technical Data Sheet".  
Misuse may cause damage to health and environment.

**Abbreviations and acronyms:**

Flam. Liq. 3: Flammable liquids – Category 3

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**Sources**

- Regulation 1907/2006/EC (REACH-Regulation)

- Regulation 1272/2008/EC (CLP-Regulation)

**\* Data compared to the previous version altered.** Replaces version 01-00