

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2022

Version number 12 (replaces version 11)

Revision: 07.11.2022

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

1.1 Product identifier

Trade name: **DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)**

Article number: 270000, 270017

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

No further relevant information available.

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

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

Product category PC9a Coatings and paints, thinners, paint removers

Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

PROC10 Roller application or brushing

Application of the substance / the mixture Lacquer

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

European Aerosols GmbH*

Kurt Vogelsang Strasse 6

D-74855 Haßmersheim

Tel.: +49 (0) 6266 750

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

*Formerly known as Motip Dupli GmbH

Further information obtainable from: Department Product Safety

1.4 Emergency telephone number:

Tel.: +49 6266-75-310

Fax +49 6266-75-362

(Mo - Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)

UK:

Public emergency phone no: 111

Only for healthcare professionals: 0344 892 0111

Ireland:

Poison center if child has been poisoned: 01 809 2166 (8:00 am - 10:00 pm, 7 days)

Only for healthcare professionals: 01 809 2566 (24 h / 7 days)

Tox Info Suisse 145 (24-h-emergency number)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



flame

Flam. Liq. 3

H226 Flammable liquid and vapour.

(Contd. on page 2)

GB

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Version number 12 (replaces version 11)

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Trade name: **DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)**

(Contd. of page 1)



environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



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



GHS09

Signal word Warning

Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated heavy

Hydrocarbons, C9, aromatics

Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

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

P102 Keep out of reach of children.

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

P271 Use only outdoors or in a well-ventilated area.

P312 Call a POISON CENTER/doctor if you feel unwell.

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

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

Additional information:

EUH208 Contains Neodecanoic acid, cobalt salt. May produce an allergic reaction.

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.

(Contd. on page 3)

GB

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Trade name: DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)

(Contd. of page 2)

| | | |
|--|---|---------|
| · Dangerous components: | | |
| EC number: 919-857-5 Reg.nr.: 01-2119463258-33 | Naphtha (petroleum), hydrotreated heavy  Flam. Liq. 3, H226  Asp. Tox. 1, H304  STOT SE 3, H336 | 25-<50% |
| CAS: 7440-50-8 EINECS: 231-159-6 Reg.nr.: 01-2119480154-42 | copper  Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10)  Acute Tox. 4, H302 | 2.5-<5% |
| CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40 | trizinc bis(orthophosphate)  Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | 2.5-<5% |
| EC number: 918-668-5 Reg.nr.: 01-2119455851-35 | Hydrocarbons, C9, aromatics  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  STOT SE 3, H335-H336 EUH066 | 2.5-<5% |
| CAS: 1314-13-2 EINECS: 215-222-5 Index number: 030-013-00-7 Reg.nr.: 01-2119463881-32 | zinc oxide  Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | <1% |
| CAS: 7440-66-6 EINECS: 231-175-3 Index number: 030-001-01-9 Reg.nr.: 01-2119467174-37 | zinc powder -zinc dust (stabilized)  Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | <1% |
| CAS: 27253-31-2 EINECS: 248-373-0 Reg.nr.: 01-2119970733-31 | Neodecanoic acid, cobalt salt  Repr. 2, H361  Acute Tox. 4, H302; Skin Sens. 1, H317 Aquatic Chronic 3, H412 | ≤0.5% |

· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex IA 1272/2008 EU), so the classification as carcinogen need not to apply.

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Generally the product does not irritate the skin.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **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:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

(Contd. on page 4)

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Version number 12 (replaces version 11)

Revision: 07.11.2022

Trade name: DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)

(Contd. of page 3)

· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.
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**

Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.

· **6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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** No special precautions are necessary if used correctly.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 3
- **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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

Naphtha (petroleum), hydrotreated heavy

| | | |
|------------|------|--|
| Oral | DNEL | 125 mg/kg /per day (Consumer, longterm systemic) |
| Dermal | DNEL | 208 mg/kg /per day (Worker, longterm systemic) |
| | DNEL | 125 mg/kg /per day (Consumer, longterm systemic) |
| Inhalative | DNEL | 871 mg/m3 (Worker, longterm systemic) |
| | DNEL | 185 mg/m3 (Consumer, longterm systemic) |

Hydrocarbons, C9, aromatics

| | | |
|------|------|---|
| Oral | DNEL | 11 mg/kg /per day (Consumer, longterm systemic) |
|------|------|---|

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 12 (replaces version 11)

Revision: 07.11.2022

Trade name: **DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)**

(Contd. of page 4)

| | | |
|------------|------|--|
| Dermal | DNEL | 25 mg/kg /per day (Worker, longterm systemic) |
| | DNEL | 11 mg/kg /per day (Consumer, longterm systemic) |
| Inhalative | DNEL | 150 mg/m ³ (Worker, longterm systemic) |
| | DNEL | 32 mg/m ³ (Consumer, longterm systemic) |

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

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

· **Respiratory protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

· **Hand protection** Not required.

· **Material of gloves** Not required.

· **Penetration time of glove material** Not required.

· **Eye/face protection**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· **Physical state**

Fluid

· **Colour:**

According to product specification

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

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

180 °C (356 °F) (Naphtha (petroleum), hydrotreated heavy)

· **Flammability**

Flammable.

· **Lower and upper explosion limit**

· **Lower:**

0.6 Vol % (Naphtha (petroleum), hydrotreated heavy)

· **Upper:**

7 Vol % (Naphtha (petroleum), hydrotreated heavy)

· **Flash point:**

39 °C (102.2 °F) (Naphtha (petroleum), hydrotreated heavy)

· **Ignition temperature:**

240 °C (464 °F) (Naphtha (petroleum), hydrotreated heavy)

· **Decomposition temperature:**

Not determined.

· **pH**

Mixture is non-soluble (in water).

· **Viscosity:**

· **Kinematic viscosity**

Not determined.

· **Dynamic at 20 °C (68 °F):**

2300 mPa

· **Solubility**

· **water:**

Not miscible or difficult to mix.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Vapour pressure at 20 °C (68 °F):**

1 hPa (0.8 mm Hg) (Naphtha (petroleum), hydrotreated heavy)

(Contd. on page 6)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 07.11.2022

Version number 12 (replaces version 11)

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(Contd. of page 5)

| | |
|--|---|
| · Density and/or relative density | |
| · Density at 20 °C (68 °F): | 1 g/cm ³ (8.3 lbs/gal) |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |
| · 9.2 Other information | |
| · Appearance: | |
| · Form: | Fluid |
| · Important information on protection of health and environment, and on safety. | |
| · Explosive properties: | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| · Solvent content: | |
| · Organic solvents: | 41.9 % |
| · VOC (EC) | --- |
| | 450.0 g/l |
| · VOC-EU% | 45.00 % |
| · Solids content: | 50.0 % |
| · Change in condition | |
| · Evaporation rate | Not determined. |
| · Information with regard to physical hazard classes | |
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Void |
| · Oxidising gases | Void |
| · Gases under pressure | Void |
| · Flammable liquids | Flammable liquid and vapour. |
| · Flammable solids | Void |
| · Self-reactive substances and mixtures | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

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

GB

(Contd. on page 7)

Safety data sheet

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Version number 12 (replaces version 11)

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Trade name: **DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)**

(Contd. of page 6)

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:

Naphtha (petroleum), hydrotreated heavy

| | | |
|------------|------------|---------------------------------------|
| Oral | LD50 | >5000 mg/kg /per day (rat) (OECD 401) |
| Dermal | LD50 | >2000 mg/kg (rat) (OECD 402) |
| Inhalative | LC50 / 4 h | >5000 mg/m3 (rat) (OECD 403) |

Hydrocarbons, C9, aromatics

| | | |
|--------|------|------------------------------|
| Oral | LD50 | >5000 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >2000 mg/kg (rab) (OECD 402) |

7440-66-6 zinc powder -zinc dust (stabilized)

| | | |
|------------|------------|------------------------------|
| Oral | LD50 | >2000 mg/kg (rat) (OECD 401) |
| Inhalative | LC50 / 4 h | >5410 mg/m3 (rat) (OECD 403) |

- **Skin corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** No irritating effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **11.2 Information on other hazards**

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

Hydrocarbons, C9, aromatics

| | |
|-------------|---|
| EC50 / 48 h | 302 mg/l (daphnia magna) |
| EC50 / 72 h | 2.75 mg/l (Pseudokirchneriella subcapitata) |
| EC50 / 96 h | 9.2 mg/l (Regenbogenforelle) |

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

· 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

· 12.7 Other adverse effects

· **Remark:** Very toxic for fish

· Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
 Do not allow product to reach ground water, water course or sewage system.
 Danger to drinking water if even small quantities leak into the ground.
 Also poisonous for fish and plankton in water bodies.
 Very toxic for aquatic organisms

GB

(Contd. on page 8)

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Version number 12 (replaces version 11)

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Trade name: **DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)**

(Contd. of page 7)

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:**

Disposal must be made according to official regulations.

Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1263

· **14.2 UN proper shipping name**

· **ADR**

1263 PAINT, ENVIRONMENTALLY HAZARDOUS

· **IMDG, IATA**

PAINT

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class**

3 (F1) Flammable liquids.

· **Label**

3

· **IMDG, IATA**



· **Class**

3 Flammable liquids.

· **Label**

3

· **14.4 Packing group**

· **ADR, IATA**

III

· **IMDG**

not regulated

· **14.5 Environmental hazards:**

· **Special marking (ADR):**

Symbol (fish and tree)

· **14.6 Special precautions for user**

Warning: Flammable liquids.

· **EMS Number:**

F-E, S-E

· **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **Transport category**

3

· **Tunnel restriction code**

D/E

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 07.11.2022

Version number 12 (replaces version 11)

Revision: 07.11.2022

Trade name: DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)

(Contd. of page 8)

· **UN "Model Regulation":** UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

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**
E1 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (UK ANNEX XIV)**

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Sens. 1: Skin sensitisation – Category 1
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1

(Contd. on page 10)

GB

Safety data sheet
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Version number 12 (replaces version 11)

Revision: 07.11.2022

Trade name: DUPLI-COLOR ALKYTON Rostschutzlack Kupfer/Braun (Hammerschlag)

(Contd. of page 9)

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

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

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

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

. * Data compared to the previous version altered.

GB