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

according to Regulation (EU) 2020/878

Article No.: 35 DUROROAD Strassensignierfarbe

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

### 1.1. product identifiers

Article No. (manufacturer/supplier) 35

Trade name/designation DUROROAD Strassensignierfarbe

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

#### Relevant identified uses:

Coating material to protecting surfaces

### 3. Details of the supplier of the safety data sheet

### supplier (manufacturer/importer/downstream user/distributor)

Knuchel Farben AG

Farben + Lacke Telephone: +41 (0) 32 636 50 40 Steinackerweg 11 Telefax: +41 (0) 32 636 50 45

CH-4537 Wiedlisbach

### Department responsible for information:

laboratory Manager

E-mail (competent person) info@knuchel.ch

1.4. Emergency telephone number

Emergency telephone number 145 (+41 (0)44 251 51 51)

### **SECTION 2: Hazards identification**

### .1. Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 2 / H225 Flammable liquids Highly flammable liquid and vapour. Eye Irrit. 2 / H319 Serious eye damage/eye irritation Causes serious eye irritation.

STOT SE 3 / H336 STOT-single exposure May cause drowsiness or dizziness.

2.2. Label elements

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

### **Hazard pictograms**





### Danger

### **Hazard statements**

H225 Highly flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.

### **Precautionary statements**

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

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

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing vapours.

P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves and eye/face protection.

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.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

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

P337 + P313 If eve irritation persists: Get medical advice/attention.

P370 + P378 In case of fire: Use extinguishing powder or sand to extinguish.

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P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

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

P405 Keep locked up.

P501 Dispose of contents/container to industrial incineration plant.

### Hazard components for labelling

Ethyl acetate

### Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

No information available.

### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

**Description** solvent-based acrylic resin, containing the following hazardous substances:

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

EC No.	REACH No.	
CAS No.	Designation	weight-%
Index No.	classification // Remark	
205-500-4	01-2119475103-46	
141-78-6	Ethyl acetate	15 - 25
607-022-00-5	Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336 / EUH066	
204-658-1	01-2119485493-29	
123-86-4	n-butyl acetate	5 - 10
607-025-00-1	Flam. Liq. 3 H226 / STOT SE 3 H336 / EUH066	
203-603-9	01-2119475791-29	
108-65-6	2-methoxy-1-methylethyl acetate	1 - 5
607-195-00-7	Flam. Liq. 3 H226	
	Substance with a common (EC) occupational exposure limit value.	

#### **Additional information**

Full text of classification: see section 16

### **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. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

### In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

### Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

### Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

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

### 4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

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#### Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

#### Unsuitable extinguishing media

strong water jet

#### 5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

#### 5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

#### 6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

### 6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

### **SECTION 7: Handling and storage**

### .1. Precautions for safe handling

### Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

### **Further information**

Vapours are heavier than air. Vapours form explosive mixtures with air.

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

### Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

### Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

### 7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

### SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure limit values:

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Ethyl acetate

Index No. 607-022-00-5 / EC No. 205-500-4 / CAS No. 141-78-6

WEL, TWA: 734 mg/m3; 200 ppm WEL, STEL: 1468 mg/m3; 400 ppm 2-methoxy-1-methylethyl acetate

Index No. 607-195-00-7 / EC No. 203-603-9 / CAS No. 108-65-6

WEL, TWA: 274 mg/m3; 50 ppm WEL, STEL: 548 mg/m3; 100 ppm

Remark: (may be absorbed through the skin)

#### **Additional information**

TWA: Long-term occupational exposure limit value STEL: short-term occupational exposure limit value

Ceiling: peak limitation

#### **DNEL:**

#### Ethyl acetate

Index No. 607-022-00-5 / EC No. 205-500-4 / CAS No. 141-78-6

DNEL long-term dermal (systemic), Workers: 63 mg/kg DNEL acute inhalative (local), Workers: 1468 mg/m³ DNEL acute inhalative (systemic), Workers: 1468 mg/m³ DNEL long-term inhalative (local), Workers: 734 mg/m³ DNEL long-term inhalative (systemic), Workers: 734 mg/m³ DNEL long-term oral (repeated), Consumer: 4,5 mg/kg

DNEL long-term dermal (systemic), Consumer: 37 mg/kg bw/day

DNEL acute inhalative (local), Consumer: 734 mg/m³ DNEL acute inhalative (systemic), Consumer: 734 mg/m³ DNEL long-term inhalative (local), Consumer: 367 mg/m³ DNEL long-term inhalative (systemic), Consumer: 367 mg/m³

### n-butyl acetate

Index No. 607-025-00-1 / EC No. 204-658-1 / CAS No. 123-86-4

DNEL short-term oral (acute), Workers:

DNEL long-term inhalative (systemic), Workers: 480 mg/m³ DNEL long-term inhalative (systemic), Consumer: 102,34 mg/m³

### 2-methoxy-1-methylethyl acetate

Index No. 607-195-00-7 / EC No. 203-603-9 / CAS No. 108-65-6

DNEL long-term oral (repeated), Workers: 1,67 mg/kg DNEL long-term dermal (systemic), Workers: 54,8 mg/kg DNEL long-term inhalative (systemic), Workers: 33 mg/m³

### PNEC:

### Ethyl acetate

Index No. 607-022-00-5 / EC No. 205-500-4 / CAS No. 141-78-6

PNEC aquatic, freshwater: 0,24 mg/L PNEC aquatic, marine water: 0,024 mg/L PNEC aquatic, intermittent release: 1,65 mg/L PNEC sediment, freshwater: 1,15 mg/kg PNEC sediment, marine water: 0,115 mg/kg

PNEC, soil: 0,148 mg/kg

PNEC sewage treatment plant (STP): 650 mg/L PNEC Secondary Poisoning: 200 mg/kg food

### n-butyl acetate

Index No. 607-025-00-1 / EC No. 204-658-1 / CAS No. 123-86-4

PNEC aquatic, freshwater: 0,18 mg/L PNEC aquatic, marine water: 0,018 mg/L PNEC aquatic, intermittent release: 0,36 mg/L

PNEC sediment, freshwater: 0,981 mg/kg Sediment dry weight PNEC sediment, marine water: 0,0981 mg/kg Sediment dry weight

PNEC, soil: 0,0903 mg/kg Sediment dry weight PNEC sewage treatment plant (STP): 35,6 mg/L

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2-methoxy-1-methylethyl acetate

Index No. 607-195-00-7 / EC No. 203-603-9 / CAS No. 108-65-6

PNEC aquatic, freshwater: 0,635 mg/cm³
PNEC aquatic, marine water: 0,0635 mg/cm³
PNEC aquatic, intermittent release: 6,35 mg/cm³
PNEC sediment, freshwater: 3,29 mg/cm³
PNEC sediment, marine water: 0,329 mg/cm³

PNEC, soil: 0,29 mg/m<sup>3</sup>

PNEC sewage treatment plant (STP): 100 mg/cm<sup>3</sup>

### 8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

### Personal protection equipment

#### Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Use only respiratory protection equipment with CE-symbol including four digit test number.

#### Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm; Breakthrough time: > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

### Eye/face protection

Wear closely fitting protective glasses in case of splashes.

#### **Body protection**

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

### **Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

### **Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state:

Colour:

Colour:

Characteristic

Odour threshold:

Melting point/freezing point:

Liquid

refer to label

refer to label

characteristic

not applicable

Initial boiling point and boiling range: 76 °C

Source: Ethyl acetate

Flammability: Highly flammable liquid and vapour.

Lower and upper explosion limit:

Lower explosion limit: 2.04 Vol-% Upper explosion limit: 11.5 Vol-%

Source: Ethyl acetate

Flash point: -3 °C

Method: DIN 53213

Auto-ignition temperature: 333 °C

Source: 2-methoxy-1-methylethyl acetate

Decomposition temperature: not applicable pH at 20 °C: not applicable Cinematic viscosity (40°C): > 700 mm²/s

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Viscosity at 20 °C: 1200 - 1800 mPas

Solubility(ies):

Water solubility at 20 °C: insoluble

Partition coefficient: n-octanol/water: see section 12

Vapour pressure at 20 °C: 97 mbar
Source: Ethyl acetate

Density and/or relative density:

Density at 20 °C: 1.53 g/cm³
Relative vapour density: not applicable particle characteristics: not applicable

9.2. Other information

Solid content: 75 weight-%

solvent content:

Organic solvents: 25 weight-% Water: 0 weight-%

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No information available.

#### 10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7

### 10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

#### 10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

### 10.5. Incompatible materials

not applicable

### 10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

### **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

### **Acute toxicity**

Ethyl acetate

oral, LD50, Rat: 5620 mg/kg

dermal, LD50, Rabbit: > 20000 mg/kg

oral, LD50, Rabbit: 4934 Method: OECD 401

inhalative (vapours), LC0, Rat: 29,3 (4 h) inhalative (vapours), LCLo, Rat: > 6000 ppm (6 h) inhalative (vapours), LD50, Rabbit, male: > 2000 mg/kg

n-butyl acetate

oral, LD50, Rat: 10760 mg/kg

Method: OECD 423

dermal, LD50, Rabbit: 14112 mg/kg

Method: OECD 402

inhalative (dust and mist), LC50, Rat: 23,4 mg/L (4 h)

Method: OECD 403

2-methoxy-1-methylethyl acetate dermal, LD50, Rabbit: > 2000 mg/kg

### Skin corrosion/irritation; Serious eye damage/eye irritation

Causes serious eye irritation.

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Ethyl acetate

Skin (4 h)

No skin irritation (rabbit). Degreases the skin and makes it dry and rough. Prolonged or repeated skin contact can lead to

dermatitis.

eyes

Moderate eve irritation (rabbit).

n-butyl acetate

Skin, Rabbit (4 h) Method: OECD 404 No skin irritation

eyes

Method: OECD 405 No eye irritation

2-methoxy-1-methylethyl acetate

Skin (4 h)

Method: OECD 404

Not to be classified as skin etching/irritant.

eves

Not to be classified as severe eye damage or eye irritation.

### Respiratory or skin sensitisation

Ethyl acetate

Skin, Guinea pig: ; Evaluation not sensitising.

Method: OECD 406 Maximization test

n-butyl acetate

Skin, Guinea pig: ; Evaluation not sensitising.

Method: OECD 406

Mouse mouse ear swelling test (MEST)

2-methoxy-1-methylethyl acetate Skin: ; Evaluation not sensitising.

Method: OECD 406 Respiratory system: No data available

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

Ethyl acetate

Germ cell mutagenicity; Evaluation In vitro tests showed no mutagenic effects.

Carcinogenicity; Evaluation Didn't show any carcinogenic effects in animal tests.

Reproductive toxicity; Evaluation No reproductive toxicity

Genotoxicity in vitro; Evaluation negative

(Chromosome aberration test in vitro; CHO (Chinese hamster ovaries) cells; with and without metabolic activation) (OECD

Test Guideline 473).; (Back mutation test on bacteria; Salmonella typhimurium) (OECD test guideline 471).

Genotoxicity in vivo; Evaluation negative

Method: OECD 474

(Chromosome aberration test in vivo; Chinese hamster, male and female) (Oral).

n-butyl acetate

Germ cell mutagenicity; Evaluation Ames test negative.

2-methoxy-1-methylethyl acetate

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Lactation

No data available

### STOT-single exposure; STOT-repeated exposure

May cause drowsiness or dizziness.

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Ethyl acetate

Specific target organ toxicity (single exposure)

Inhalation; central nervous system; May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure)

No data available

Repeated dose toxicity: 900 mg/kg

Method NOAEL

Repeated dose toxicity, Rat: 3600 mg/kg (92 d)

Method LOAEL

oral

Repeated dose toxicity, Rat: 350 ppm (94 d)

Method NOEC

inhalative (vapours); 5 days/week

Repeated dose toxicity, Rat: 350 ppm (94 d)

Method LOEC:

inhalative (vapours); 5 days/week

n-butvl acetate

Specific target organ toxicity (single exposure)

central nervous system; May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure)

human; Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).; Steam in high concentration leads to unconsciousness.

2-methoxy-1-methylethyl acetate

Specific target organ toxicity (single exposure)

No data available

Specific target organ toxicity (repeated exposure)

No data available

### **Aspiration hazard**

Ethyl acetate

Aspiration hazard

no classification

n-butyl acetate

Aspiration hazard; Evaluation No classification for aspiration toxicity

2-methoxy-1-methylethyl acetate

Aspiration hazard

Not to be classified as aspirational.

### Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatique, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

### Overall assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

### 11.2. Information on other hazards

### **Endocrine disrupting properties**

No information available.

### **SECTION 12: Ecological information**

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

Do not allow to enter into surface water or drains.

### 12.1. Toxicity

Ethyl acetate

Fish toxicity, LC50, Pimephales promelas (fathead minnow): 230 mg/L (96 h)

Flow test: US-EPA

Daphnia toxicity, EC50, Daphnia magna: 610 mg/L (48 h)

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Daphnia toxicity, EC50, Daphnia cucullata (Helmet water flea): 165 mg/L (48 h)

Algae toxicity, EC50, Desmodesmus subspicatus: 5600 mg/L (48 h)

Method: DIN 38412

Static test; end; Rate of growth

Algae toxicity, NOEC, Desmodesmus subspicatus: > 100 mg/L (72 h)

Method: OECD 201

Static test; end; Rate of growth

Bacteria toxicity, EC10, Photobacterium phosphoreum: 1650 mg/L (15 min.)

Static test; end; Rate of growth

Bacteria toxicity, EC50, Photobacterium phosphoreum: 5870 mg/L (15 min.)

Static test; end; Rate of growth

n-butyl acetate

Fish toxicity, LC50, Pimephales promelas (fathead minnow): 18 mg/L (96 h)

Method: OECD 203

Daphnia toxicity, EC50, Daphnia magna (Big water flea): 44 mg/L (48 h)

Algae toxicity, ErC50

Algae toxicity, EC50, Desmodesmus subspicatus: 647,7 mg/L (72 h)

(Growth inhibition)

Algae toxicity, NOEC, Desmodesmus subspicatus: 200 mg/L Bacteria toxicity, IC50, Tetrahymena: 356 mg/L (40 h)

### Long-term Ecotoxicity

Ethyl acetate

Fish toxicity, NOEC, Pimephales promelas (fathead minnow): > 9,65 mg/L (32 d)

Method: OECD 211

semistatic

### 12.2. Persistence and degradability

Ethyl acetate

Persistence and degradability: Evaluation The product evaporates easily from the water surface. Biodegradation: 79 percent (20 d); Evaluation Readily biodegradable (according to OECD criteria).

Method: OECD 301D

Related to: Biochemical oxygen demand

n-butyl acetate

Persistence and degradability: Evaluation No data available

Biodegradation: 83 percent (28 d); Evaluation Readily biodegradable (according to OECD criteria).

Method: OECD 301D

aerobic.

2-methoxy-1-methylethyl acetate

Persistence and degradability:

No data available

Biodegradation: Evaluation Readily biodegradable (according to OECD criteria).

### 12.3. Bioaccumulative potential

Ethyl acetate

Partition coefficient: n-octanol/water:

Distribution coefficient n-octanol/water (log KOW): 0,68 ; Evaluation Bioaccumulation is not to be expected.

n-butyl acetate

Distribution coefficient n-octanol/water (log KOW):

No data available

2-methoxy-1-methylethyl acetate

Distribution coefficient n-octanol/water (log KOW): 1,2

### **Bioconcentration factor (BCF)**

Ethyl acetate

Bioconcentration factor (BCF): 30

### 12.4. Mobility in soil

Ethyl acetate

Water: Evaluation Swims on water and does not dissolve. Air: Evaluation Slightly volatile, quickly distributed in the air.

n-butyl acetate

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:

No data available

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

No information available.

### 12.7. Other adverse effects

No information available.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

### Appropriate disposal / Product

### Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Dispose of waste according to applicable legislation.

### List of proposed waste codes/waste designations in accordance with EWC

080111\* Waste paint and varnish containing organic solvents or other dangerous substances

\*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

### Appropriate disposal / Package

#### Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

### **SECTION 14: Transport information**

#### 14.1. UN number or ID number

UN 1263

14.2. UN proper shipping name

Land transport (ADR/RID): Paint
Sea transport (IMDG): PAINT
Air transport (ICAO-TI / IATA-DGR): Paint

14.3. Transport hazard class(es)

3

14.4. Packing group

Land transport (ADR/RID): III
for packages > 450 litres: II
Sea transport (IMDG): III
for packages > 450 litres: II
Air transport (ICAO-TI / IATA-DGR): III
for packages > 30 litres: II

14.5. Environmental hazards

Land transport (ADR/RID) not applicable
Marine pollutant not applicable

### 14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

### **Further information**

### Land transport (ADR/RID)

Tunnel restriction code E for packages > 450 litres: D/E

Sea transport (IMDG)

EmS-No. F-E, S-E

### 14.7. Maritime transport in bulk according to IMO instruments

# according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) 2020/878

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No transport as bulk according IBC - Code.

### **SECTION 15: Regulatory information**

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

### **EU** legislation

### Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

VOC-value (in g/L): 384

### **National regulations**

### **Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

### 15.2. Chemical Safety Assessment

### For the following substances of this mixture a chemical safety assessment has been carried out:

EC No. CAS No.	Designation	REACH No.
205-500-4	Ethyl acatata	01-2119475103-46
	Ethyl acetate	01-2119475105-40
141-78-6		
204-658-1	n-butyl acetate	01-2119485493-29
123-86-4	·	
203-603-9	2-methoxy-1-methylethyl acetate	01-2119475791-29
108-65-6		

### **SECTION 16: Other information**

### Full text of classification in section 3

Flam. Liq. 2 / H225 Flammable liquids Highly flammable liquid and vapour. Eye Irrit. 2 / H319 Serious eye damage/eye irritation Causes serious eye irritation. STOT SE 3 / H336 STOT-single exposure May cause drowsiness or dizziness. Flam. Liq. 3 / H226 Flammable liquids Flammable liquid and vapour.

### Classification procedure

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
Flam. Liq. 2 Flammable liquids On basis of test data.

Eye Irrit. 2 Serious eye damage/eye irritation Calculation method.

STOT SE 3 STOT-single exposure Calculation method.

### Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

OEL Occupational Exposure Limit Value

BLV Biological Limit Value CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging CMR Carcinogenic, Mutagenic and Reprotoxic

DIN German Institute for Standardization / German industrial standard

DNEL Derived No-Effect Level

EAKV European Waste Catalogue Directive

EC Effective Concentration
EC European Community
EN European Standard

IATA-DGR International Air Transport Association – Dangerous Goods Regulations

IBC Code International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk ICAO-TI International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous

Goods by Air

IMDG Code International Maritime Code for Dangerous Goods ISO International Organization for Standardization

LC Lethal Concentration

LD Lethal Dose

MARPOL Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

OECD Organisation for Economic Cooperation and Development

### according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) 2020/878

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PBT persistent, bioaccumulative, toxic **PNEC** Predicted No Effect Concentration

**REACH** Registration, Evaluation, Authorisation and Restriction of Chemicals

Regulations concerning the International Carriage of Dangerous Goods by Rail RID

UN United Nations

VOC Volatile Organic Compounds

vPvB very persistent and very bioaccumulative

### **Further information**

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

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.