

Printing date 26.09.2023

Version number 1

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

· 1.1 Product identifier

- Trade name: AP-MERIT Nitroverdünnung 1A AF (Nitro Thinner 1A AROMATIC FREE)
- · UFI: 4500-C029-G00A-DCCW
- \cdot 1.2 Relevant identified uses of the substance or mixture and uses advised against \cdot Sector of Use
- SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category PC9a Coatings and paints, thinners, paint removers
- \cdot Application of the substance / the mixture $\mbox{Organic solvent}$
- \cdot 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Wolfgang GmbH Barnabas-Fink-Str. 11 A-6845 Hohenems office@ap-merit.com www.ap-merit.com
- 1.4 Emergency telephone number: Vergiftungsinformationszentrale Wien +43 (0)1 4064343

2 Hazards identification

- 2.1 Classification of the substance or mixture
 Classification according to Regulation (EC) No 1272/2008
 - GHS02 flame
- Flam. Liq. 2 H225 Highly flammable liquid and vapour.

GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

GHS07

| ▼ | |
|---------------|---|
| Skin Irrit. 2 | H315 Causes skin irritation. |
| Eye Irrit. 2 | H319 Causes serious eye irritation. |
| STOT SE 3 | H336 May cause drowsiness or dizziness. |

- Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- · 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the CLP regulation.
- · Hazard pictograms



· Signal word Danger

• Hazard-determining components of labelling: Naphtha (petroleum), hydrotreated light methyl acetate

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|----------|---|
| acetone | |
| | statements |
| | ghly flammable liquid and vapour. |
| | uses skin irritation. |
| | uses serious eye irritation. |
| | ay cause drowsiness or dizziness. |
| H304 Ma | y be fatal if swallowed and enters airways. |
| H412 Ha | rmful to aquatic life with long lasting effects. |
| Precauti | onary statements |
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P301+P3 | 310 F SWALLOWED: Immediately call a POISON CENTER/doctor/ |
| P331 | |
| P501 | • |
| Addition | al information: |
| use acco | contains: Reportable explosives precursors. Making available, introduction, possession and ording to Regulation (EU) 2019/1148, Article 9. o r hazards |
| | of PBT and vPvB assessment |
| | |
| | t applicable. |
| VPVB: N | ot applicable. |

3 Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

| EINECS: 201-185-2 Index number: 607-021-00-X Reg.nr.: 01-2119459211-47 Image: Flam. Liq. 2, H225; (*) Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49 acetone 20 EC number: 921-024-6 Index number: 649-328-00-1 Reg.nr.: 01-2119475514-35 acetone 20 CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29 Naphtha (petroleum), hydrotreated light (*) Flam. Liq. 2, H225; (*) Asp. Tox. 1, H304; (*) Aquatic Chronic 2, H411; (*) Skin Irrit. 2, H315; STOT SE 3, H336 20 CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29 n-butyl acetate 2.5- (*) Flam. Liq. 3, H226; (*) STOT SE 3, H336, EUH066 n-butyl acetate 2.5- (*) Flam. Liq. 2, H225; (*) Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; (*) STOT SE 1, H370 0.5- | · Dangerous components: | | |
|---|---|--|----------|
| EINECS: 200-662-2 Index number: 606-001-00-8 Index number: 606-001-00-8 Index number: 01-2119471330-49 Image: State of the state of th | EINECS: 201-185-2 Index number: 607-021-00-X | 🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE | 25-50% |
| Index number: 649-328-00-1 Reg.nr.: 01-2119475514-35 Image: Flam. Liq. 2, H225; Image: Asp. Tox. 1, H304; Image: Aquatic Chronic 2, H411; Image: Aquatic Chronic 2, H412; Image: Aquatic Chronic 2, H412; Image: Aquatic Chronic 2, H412; Image: Aquatic Chronic 2, Image: Aquatic Chronic 2, H412; Image: Aquatic Chronic 2, Image: Aquatic Chroice Aquatic Chronic 2, Image: Aquatic Chronic 2, Image: Aquatic | EINECS: 200-662-2 Index number: 606-001-00-8 | 🚸 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE | 20% |
| EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29 Index number: 607-025-00-1 CAS: 67-56-1 methanol EINECS: 200-659-6 Index number: 603-001-00-X Index number: 603-001-00-X Flam. Liq. 2, H225; Acute Tox. 3, H301; Acute Reg.nr.: Bestandteil von 79-20-9 H370 Specific concentration limits: Stort SE 1, | Index number: 649-328-00-1 Reg.nr.: 01-2119475514-35 | Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; | 20% |
| EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: Bestandteil von 79-20-9 H370 Specific concentration limits: | EINECS: 204-658-1 Index number: 607-025-00-1 | | 2.5-10% |
| STOT SE 1; H370: C ≥ 10% STOT SE 2; H371: 3 % ≤ C < 10 % | EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: Bestandteil von 79-20-9 | ♦ Flam. Liq. 2, H225; ♦ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ♦ STOT SE 1, H370 Specific concentration limits: STOT SE 1; H370: C ≥ 10% | 0.5-1.5% |

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4 First aid measures

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- · 4.1 Description of first aid measures
- · General information:
- Take affected persons out into the fresh air. Do not leave affected persons unattended.
- Personal protection for the First Aider.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- After swallowing: Do not induce vomiting; call for medical help immediately.
- 4.2 Most important symptoms and effects, both acute and delayed
- Headache Dizziness Dizziness Unconsciousness

Nausea

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

If swallowed or in case of vomiting, danger of entering the lungs.

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
- 5.2 Special hazards arising from the substance or mixture
- In case of fire, the following can be released: Carbon monoxide (CO)
- 5.3 Advice for firefighters
- · Protective equipment: Wear self-contained respiratory protective device.
- Additional information
- Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep away from ignition sources.

Wear protective equipment. Keep unprotected persons away.

- 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 section 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.

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|---|--|
| Handling and st | orage |
| | htly sealed. t and direct sunlight. ire - and explosion protection: s away - Do not smoke. |
| Storage: Requirements to be Store only in the orig Provide solvent resis Store in a cool location Information about s Store away from food Store away from oxid Further information Store under lock and Keep container tight Store in cool, dry cor | stant, sealed floor. on. storage in one common storage facility: dstuffs. dising agents. a about storage conditions: I key and with access restricted to technical experts or their assistants only. |
| | |
| | ols/personal protection |
| 8.1 Control parame Ingredients with lin | ters nit values that require monitoring at the workplace: |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto | ters nit values that require monitoring at the workplace: |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto IOELV Long-term va CAS: 123-86-4 n-bu | ters nit values that require monitoring at the workplace: ne alue: 1210 mg/m³, 500 ppm tyl acetate |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto IOELV Long-term va CAS: 123-86-4 n-bu IOELV Short-term va Long-term va | ters nit values that require monitoring at the workplace: ne alue: 1210 mg/m³, 500 ppm tyl acetate alue: 723 mg/m³, 150 ppm alue: 241 mg/m³, 50 ppm |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto IOELV Long-term va CAS: 123-86-4 n-bu IOELV Short-term va Long-term va CAS: 67-56-1 metha | ters nit values that require monitoring at the workplace: ne alue: 1210 mg/m³, 500 ppm tyl acetate alue: 723 mg/m³, 150 ppm alue: 241 mg/m³, 50 ppm anol |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto IOELV Long-term va CAS: 123-86-4 n-bu IOELV Short-term va Long-term va CAS: 67-56-1 metha | ters nit values that require monitoring at the workplace: ne alue: 1210 mg/m³, 500 ppm tyl acetate alue: 723 mg/m³, 150 ppm alue: 241 mg/m³, 50 ppm |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto IOELV Long-term va CAS: 123-86-4 n-bu IOELV Short-term va Long-term va CAS: 67-56-1 metha IOELV Long-term va Skin | ters nit values that require monitoring at the workplace: ne alue: 1210 mg/m³, 500 ppm tyl acetate alue: 723 mg/m³, 150 ppm alue: 241 mg/m³, 50 ppm anol |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto IOELV Long-term va CAS: 123-86-4 n-bu IOELV Short-term va CAS: 67-56-1 metha IOELV Long-term va CAS: 67-56-1 metha IOELV Long-term va CAS: 67-56-1 metha IOELV Long-term va Skin Additional informat 8.2 Exposure contra Appropriate engine Individual protection General protective Keep away from food Immediately remove Wash hands before Avoid contact with th Respiratory protect In case of brief expose Short term filter devide | ters nit values that require monitoring at the workplace: ne alue: 1210 mg/m³, 500 ppm tyl acetate alue: 723 mg/m³, 150 ppm alue: 241 mg/m³, 50 ppm anol alue: 260 mg/m³, 200 ppm tion: The lists valid during the making were used as basis. ols refing controls No further data; see section 7. on measures, such as personal protective equipment and hygienic measures: dstuffs, beverages and feed. all soiled and contaminated clothing breaks and at the end of work. e eyes and skin. tion: sure or low pollution use respiratory filter device. In case of intensive or longe ontained respiratory protective device. |
| 8.1 Control parame Ingredients with lin CAS: 67-64-1 aceto IOELV Long-term va CAS: 123-86-4 n-bu IOELV Short-term va CAS: 67-56-1 metha IOELV Long-term va CAS: 67-56-1 metha IOELV Long-term va CAS: 67-56-1 metha IOELV Long-term va Skin Additional informat 8.2 Exposure control Appropriate engine Individual protective Keep away from food Immediately remove Wash hands before Avoid contact with th Respiratory protect In case of brief expose exposure use self-cod | ters nit values that require monitoring at the workplace: ne alue: 1210 mg/m³, 500 ppm tyl acetate alue: 723 mg/m³, 150 ppm alue: 241 mg/m³, 50 ppm anol alue: 260 mg/m³, 200 ppm tion: The lists valid during the making were used as basis. ols refing controls No further data; see section 7. on measures, such as personal protective equipment and hygienic measures: dstuffs, beverages and feed. all soiled and contaminated clothing breaks and at the end of work. e eyes and skin. tion: sure or low pollution use respiratory filter device. In case of intensive or longe ontained respiratory protective device. |

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Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

Permeationszeit >480min., Schichtdicke 0.7mm

- For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:
- Nitrile rubber, NBR

Eye/face protection



Tightly sealed goggles

Body protection:

Protective working arments (e.g. safety shoes EN ISO 20345, long- sleeved protective working garments)

| 9.1 Information on basic physical and General Information | u chemical properties |
|--|------------------------------------|
| Colour: | Colourless |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| Melting point/freezing point: | Undetermined. |
| Boiling point or initial boiling point a | nd |
| boiling range | 56 °C (DIN 51751) |
| Flammability | Not applicable. |
| Lower and upper explosion limit | |
| Lower: | 0.7 Vol % |
| Upper: | 16 Vol % |
| Flash point: | <-18 °C (DIN 51755 geschl. Träger) |
| Auto-ignition temperature: | >200 °C (ASTME E-659) |
| Decomposition temperature: | Not determined. |
| рН | Not determined. |
| Viscosity: | |
| Kinematic viscosity | Not determined. |
| Dynamic: | Not determined. |



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| Solubility | |
| water: | Not miscible or difficult to mix. |
| Partition coefficient n-octanol/water (log | |
| value) | Not determined. |
| Vapour pressure at 20 °C: | 233 hPa |
| Vapour pressure at 50 °C: | 800 hPa |
| Density and/or relative density | |
| Density at 20 °C: | ~0.84 g/cm³ |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| 9.2 Other information | |
| Appearance: | |
| Form: | Fluid |
| Important information on protection of hea | lth |
| and environment, and on safety. | |
| Ignition temperature: | Product is not selfigniting. |
| Explosive properties: | Product is not explosive. However, formation of |
| | explosive air/vapour mixtures are possible. |
| Solvent content: | |
| Organic solvents: | 100.0 % |
| VOC (EC) | 100.00 % |
| Solids content: | 0.0 % |
| 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 | Highly 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 |
| | |

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 Forms explosive gases/fumes.

Used empty containers may contain product gases which form explosive mixtures with air.

• 10.4 Conditions to avoid Heating, open flame, ignition sources, electrostatic charge.

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⁻ EU

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

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· 10.5 Incompatible materials: Strong oxidizing agents.

• 10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

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

• Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

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| C | CAS: 79-20-9 methyl acetate | | |
|---|-----------------------------|-----------|----------------------|
| C | Dral | LD50 | 3,705 mg/kg (rabbit) |
| C | CAS: 67-6 | 4-1 aceto | ne |
| C | Dral | LD50 | 5,800 mg/kg (rat) |

| orai | LDOU | [0,000 mg/ng (rut) |
|--------|------|-----------------------|
| Dermal | LD50 | 20,000 mg/kg (rabbit) |

Naphtha (petroleum), hydrotreated lightOralLD50>2,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rabbit)

| CAS: 123- | 86-4 n-bu | tyl acotato |
|------------|-----------|----------------|
| Innalative | LC50/4 n | >20 mg/i (rat) |

| | | ly addiald |
|------|------|--------------------|
| Oral | LD50 | 10,800 mg/kg (rat) |

Dermal LD50 >5,000 mg/kg (rabbit)

CAS: 67-56-1 methanol

- Oral LD50 5,628 mg/kg (rat)
 - Dermal LD50 15,800 mg/kg (rabbit)
- Skin corrosion/irritation
- Causes skin irritation.
- · Serious eye damage/irritation
- Causes serious eye irritation.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · 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 drowsiness or dizziness.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard
- May be fatal if swallowed and enters airways.
- · 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

12 Ecological information

- · 12.1 Toxicity
- Aquatic toxicity:
 CAS: 79-20-9 methyl acetate
 - LC50/48h 86 mg/l (leuciscus idus)
 - LC50/96h 14 mg/l (oncorhynchus mykiss)
 - EC50/24h 165 mg/kg (daphnia magna)

CAS: 67-64-1 acetone

LC50/96h 8,300 mg/l (leuciscus idus)

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| EC50/48h 12,600 mg/l (daphnia magna) Naphtha (petroleum), hydrotreated light LL50/96h 11.4 mg/l (oncorhynchus mykiss) EL50/48h 3 mg/l (daphnia magna) EL50/72h 30 mg/l (pseudokrichneriella subcapitata) NOEC 0.17 mg/l (daphnia magna) CAS: 123-86-4 n-butyl acetate LC50/96h 81 mg/l (leuciscus idus) * 12.2 Persistence and degradability Moderately /partly biodegradable * 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. * vPvB: 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: Harmful to fish Additional ecological information: General notes: Harmful to aquatic organisms 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 wate | | | (Contd. of page 7) |
|---|---|---|--------------------|
| LL50/96h 11.4 mg/l (oncorhynchus mykiss) EL50/48h 3 mg/l (daphnia magna) EL50/72h 30 mg/l (pseudokrichneriella subcapitata) NOEC 0.17 mg/l (daphnia magna) CAS: 123-86-4 n-butyl acetate LC50/96h 81 mg/l (leuciscus idus) *12.2 Persistence and degradability Moderately /partly biodegradable *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. *VPvB: Not applicable. *12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties. *12.7 Other adverse effects *Remark: Harmful to fish *Additional ecological information: General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | EC50/48h | 12,600 mg/l (daphnia magna) | |
| EL50/48h 3 mg/l (daphnia magna) S0 mg/l (pseudokrichneriella subcapitata) NOEC 0.17 mg/l (daphnia magna) CAS: 123-86-4 n-butyl acetate LC50/96h 81 mg/l (leuciscus idus) • 12.2 Persistence and degradability Moderately /partly biodegradable • 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. • vPvB: Not applicable. • vPvB: Not applicable. • vPvB: Not applicable. • 12.7 Other adverse effects • Remark: Harmful to fish • Additional ecological information: • General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | Naphtha | petroleum), hydrotreated light | |
| EL50/72h 30 mg/l (pseudokrichneriella subcapitata) NOEC 0.17 mg/l (daphnia magna) CAS: 123-86-4 n-butyl acetate LC50/96h 81 mg/l (leuciscus idus) * 12.2 Persistence and degradability Moderately /partly biodegradable * 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. * vPvB: Not applicable. * 12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties. * 12.7 Other adverse effects * Remark: Harmful to fish * Additional ecological information: * General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | LL50/96h | 11.4 mg/l (oncorhynchus mykiss) | |
| NOEC 0.17 mg/l (daphnia magna) CAS: 123-86-4 n-butyl acetate LC50/96h 81 mg/l (leuciscus idus) • 12.2 Persistence and degradability Moderately /partly biodegradable • 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. • vPvB: Not applicable. • 12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties. • 12.7 Other adverse effects • Remark: Harmful to fish • Additional ecological information: • General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | EL50/48h | 3 mg/l (daphnia magna) | |
| CAS: 123-86-4 n-butyl acetate LC50/96h 81 mg/l (leuciscus idus) • 12.2 Persistence and degradability Moderately /partly biodegradable • 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: Harmful to fish • Additional ecological information: • General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | EL50/72h | 30 mg/l (pseudokrichneriella subcapitata) | |
| LC50/96h 81 mg/l (leuciscus idus) 12.2 Persistence and degradability Moderately /partly biodegradable 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. vPvB: 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: Harmful to fish Additional ecological information: General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | NOEC | 0.17 mg/l (daphnia magna) | |
| 12.2 Persistence and degradability Moderately /partly biodegradable 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: Harmful to fish Additional ecological information: General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | CAS: 123 | 86-4 n-butyl acetate | |
| 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: Harmful to fish Additional ecological information: General notes: Harmful to aquatic organisms Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. | LC50/96h | 81 mg/l (leuciscus idus) | |
| | 12.3 Bioa 12.4 Mob 12.5 Resu PBT: Not vPvB: Not 12.6 Ende The produ 12.7 Othe Remark: Additiona General r Harmful to Water haz Do not alle | ccumulative potential No further relevant information available. Ility in soil No further relevant information available. Ilits of PBT and vPvB assessment applicable. t applicable. borine disrupting properties lot does not contain substances with endocrine disrupting properties. r adverse effects Harmful to fish Il ecological information: notes: aquatic organisms card class 2 (German Regulation) (Self-assessment): hazardous for water by product to reach ground water, water course or sewage system. | |
| | Recomm | te treatment methods endation be disposed together with household garbage. Do not allow product to reac | h sewage |

- Waste disposal key: The waste codes are based on the specific conditions for use an disposal.
- · Uncleaned packaging:
- **Recommendation:** Disposal must be made according to official regulations.

| 14.1 UN number or ID number ADR, IMDG, IATA | UN1263 |
|--|---|
| 14.2 UN proper shipping name ADR | 1263 PAINT RELATED MATERIAL, special provision 640D |
| IMDG, IATA | PAINT RELATED MATERIAL |
| 14.3 Transport hazard class(es) | |
| ADR, IMDG, IATA | |
| | |
| Class | 3 Flammable liquids. |



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|---|---|
| · Label | 3 |
| · 14.4 Packing group · ADR, IMDG, IATA | 11 |
| 14.5 Environmental hazards: Marine pollutant: | No |
| 14.6 Special precautions for user Hazard identification number (Kemler co EMS Number: Stowage Category | Warning: Flammable liquids. ode): 33 F-E, <u>S-E</u> B |
| 14.7 Maritime transport in bulk accordin IMO instruments | - |
| · Transport/Additional information: | |
| ADR Limited quantities (LQ) Excepted quantities (EQ) Transport category | 5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 m 2 |
| · Tunnel restriction code | D/E |
| IMDG Limited quantities (LQ) Excepted quantities (EQ) | 1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 m |
| · UN "Model Regulation": | UN 1263 PAINT RELATED MATERIAL, 3, II |

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 P5c FLAMMABLE LIQUIDS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 69
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

CAS: 67-64-1 acetone

• Regulation (EC) No 273/2004 on drug precursors

CAS: 67-64-1 acetone

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Trade name: AP-MERIT Nitroverdünnung 1A AF

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

CAS: 67-64-1 acetone

· National regulations:

· Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

- Employment restrictions concerning pregnant and lactating women must be observed.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H336 May cause drowsiness or dizziness.
- H370 Causes damage to organs.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

- · Department issuing SDS: Abteilung Produktsicherheit
- Date of previous version: 26.09.2023
- Abbreviations and acronyms:

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) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 3: Acute toxicity – Category 3 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 1: Specific target organ toxicity (single exposure) - Category 1 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 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3 ** Data compared to the previous version altered.