

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 31.08.2022

Version number 2 (replaces version 1)

Revision: 31.08.2022

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

#### 1.1 Product identifier

- Trade name: **Nitro Thinner**
- Article number: 90301, 90302, 90303, 90304
- UFI: ETK0-00X0-D00Q-QE38

#### 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

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

- Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH  
Lechstrasse 28  
D 90451 Nürnberg
- Tel. +49(0)911-642960  
Fax. +49(0)911-644456  
e-mail info@akemi.de

#### Further information obtainable from:

Laboratory

#### 1.4 Emergency telephone number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH  
Tel. +49(0)911-64296-59  
Reachable during the following office hours:  
Monday – Thursday from 07:30 a.m. to 16:30 p.m.  
Friday from 07:30 a.m. to 13:30 p.m.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- Response: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF exposed or concerned: Get medical advice/attention.

#### Storage:

Store in a well-ventilated place. Keep cool.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

#### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms

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



GHS02 GHS07

#### Signal word

Danger

#### Hazard-determining components of labelling:

methyl acetate  
acetone

#### Hazard statements

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

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- 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.
  - P243 Take action to prevent static discharges.
  - P260 Do not breathe mist/vapours/spray.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing 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/doctor if you feel unwell.
  - P403+P233 Store in a well-ventilated place. Keep container tightly closed.
  - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Additional information: EUH066 Repeated exposure may cause skin dryness or cracking.  
Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.
- **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.

Dangerous components:

|          |                |   |          |
|----------|----------------|---|----------|
| 79-20-9  | methyl acetate | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319; STOT SE 3, H336<br>EUH066 | 50-100%  |
| 67-64-1  | acetone        | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319; STOT SE 3, H336<br>EUH066 | 12.5-25% |
| 141-78-6 | ethyl acetate  | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319; STOT SE 3, H336<br>EUH066 | 12.5-25% |

- Additional information: For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: If skin irritation continues, consult a doctor.  
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.

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- After swallowing: If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
  - Headache
  - Dizziness
  - Gastric or intestinal disorders
  - Nausea
- **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: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- Protective equipment: Wear self-contained respiratory protective device.  
Wear fully protective suit.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to penetrate the ground/soil.  
Do not allow product to reach sewage system or any water course.  
Prevent seepage into sewage system, workpits and cellars.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
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).  
Ensure adequate ventilation.
- **6.4 Reference to other sections** See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**
  - Keep receptacles tightly sealed.
  - Ensure good ventilation/exhaustion at the workplace.
- 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: Store in a cool location.
- Information about storage in one common storage facility: Store away from oxidising agents.

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- Further information about storage conditions: Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- 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:

**67-64-1 acetone**IOELV Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm**141-78-6 ethyl acetate**IOELV Short-term value: 1468 mg/m<sup>3</sup>, 400 ppm  
Long-term value: 734 mg/m<sup>3</sup>, 200 ppm

- DNELs

**67-64-1 acetone**

|            |                             |  |
|------------|-----------------------------|--|
| Oral       | DNEL (Langzeit-wiederholt)  | 62 mg/kg bw/day (BEV)  |
| Dermal     | DNEL ( Langzeit-wiederholt) | 186 mg/kg bw/day (ARB)<br>62 mg/kg bw/day (BEV)                      |
| Inhalative | DNEL (Kurzzeit-akut)        | 2,420 mg/m <sup>3</sup> Air (ARB)                                    |
|            | DNEL (Langzeit-wiederholt)  | 1,210 mg/m <sup>3</sup> Air (ARB)<br>200 mg/m <sup>3</sup> Air (BEV) |

**141-78-6 ethyl acetate**

|            |                             |  |
|------------|-----------------------------|--|
| Oral       | DNEL (Langzeit-wiederholt)  | 4.5 mg/kg bw/day (BEV)   |
| Dermal     | DNEL ( Langzeit-wiederholt) | 63 mg/kg bw/day (ARB)<br>37 mg/kg bw/day (BEV)                       |
| Inhalative | DNEL (Kurzzeit-akut)        | 1,468 mg/m <sup>3</sup> Air (ARB)<br>734 mg/m <sup>3</sup> Air (BEV) |
|            | DNEL (Langzeit-wiederholt)  | 734 mg/m <sup>3</sup> Air (ARB)<br>367 mg/m <sup>3</sup> Air (BEV)   |

- PNECs

**67-64-1 acetone**

|                |                             |
|----------------|-----------------------------|
| PNEC (wässrig) | 100 mg/l (KA)               |
|                | 1.06 mg/l (MW)              |
|                | 10.6 mg/l (SW)              |
|                | 21 mg/l (WAS)               |
| PNEC (fest)    | 29.5 mg/kg Trockengew (BO)  |
|                | 3.04 mg/kg Trockengew (MWS) |
|                | 30.4 mg/kg Trockengew (SWS) |

**141-78-6 ethyl acetate**

|                |                              |
|----------------|------------------------------|
| PNEC (wässrig) | 650 mg/l (KA)                |
|                | 0.024 mg/l (MW)              |
|                | 0.24 mg/l (SW)               |
|                | 1.65 mg/l (WAS)              |
| PNEC (fest)    | 0.148 mg/kg Trockengew (BO)  |
|                | 0.115 mg/kg Trockengew (MWS) |
|                | 1.15 mg/kg Trockengew (SWS)  |

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- 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:
    - Do not eat, drink, smoke or sniff while working.
    - Use skin protection cream for skin protection.
    - Clean skin thoroughly immediately after handling the product.
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing
    - Wash hands before breaks and at the end of work.
    - Do not inhale gases / fumes / aerosols.
    - Avoid contact with the eyes.
    - Avoid contact with the eyes and skin.
  - Respiratory protection:
    - Filter AX
    - 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.
    - Use suitable respiratory protective device in case of insufficient ventilation.
  - Hand protection
    - Preventive skin protection by use of skin-protecting agents is recommended.
    - After use of gloves apply skin-cleaning agents and skin cosmetics.
    - The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory analyses of the company KCL GmbH in compliance with EN374.
    - This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: <http://www.kcl.de>).
- 
Protective gloves
- Material of 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
    - Butyl rubber, BR
    - 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
    - Value for the permeation: Level  $\leq$  4, 120 min
    - The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - For the permanent contact gloves made of the following materials are suitable:
    - Butyl rubber, BR
    - Butoject (KCL, Art\_No. 897, 898)

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- As protection from splashes gloves made of the following materials are suitable: Butyl rubber, BR  
Butoject (KCL, Art\_No. 897, 898)
- Not suitable are gloves made of the following materials: Neoprene gloves  
Leather gloves  
Strong material gloves
- Eye/face protection  Tightly sealed goggles
- Body protection: Solvent resistant protective clothing

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

- General Information
- Colour: Clear
- Odour: Characteristic
- Melting point/freezing point: Undetermined.
- Boiling point or initial boiling point and boiling range 56 °C
- Lower and upper explosion limit
- Lower: 2.1 Vol %
- Upper: 16 Vol %
- Flash point: -15 °C
- Ignition temperature: 455 °C
- pH Not determined.  
Not applicable
- Viscosity:
- Kinematic viscosity Not determined.
- Dynamic: Not determined.
- Solubility
- water: Fully miscible.
- Vapour pressure at 20 °C: 233 hPa
- Density and/or relative density
- Density at 20 °C: 0.89 g/cm<sup>3</sup>

**9.2 Other information**

- Appearance:
- Form: Fluid
- Important information on protection of health and environment, and on safety.
- Auto-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 %

**Information with regard to physical hazard classes**

- Explosives Void
- Flammable gases Void
- Aerosols Void

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- |  |                                     |
|--|-------------------------------------|
| · <u>Oxidising gases</u>   | Void                                |
| · <u>Gases under pressure</u>  | Void                                |
| · <u>Flammable liquids</u>   | Highly flammable liquid and vapour. |
| · <u>Flammable solids</u>  | Void                                |
| · <u>Self-reactive substances and mixtures</u>                                     | Void                                |
| · <u>Pyrophoric liquids</u>  | Void                                |
| · <u>Pyrophoric solids</u>   | Void                                |
| · <u>Self-heating substances and mixtures</u>                                      | Void                                |
| · <u>Substances and mixtures, which emit flammable gases in contact with water</u> | Void                                |
| · <u>Oxidising liquids</u>   | Void                                |
| · <u>Oxidising solids</u>  | Void                                |
| · <u>Organic peroxides</u>   | Void                                |
| · <u>Corrosive to metals</u>   | Void                                |
| · <u>Desensitised explosives</u>   | Void                                |

**SECTION 10: Stability and reactivity**

- |  |   |
|--|---|
| · <b>10.1 Reactivity</b>                                   | No further relevant information available.  |
| · <b>10.2 Chemical stability</b>                           |   |
| · <u>Thermal decomposition / conditions to be avoided:</u> | No decomposition if used according to specifications.   |
| · <b>10.3 Possibility of hazardous reactions</b>           | Reacts with strong oxidising agents.<br>Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised. |
| · <b>10.4 Conditions to avoid</b>                          | No further relevant information available.  |

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- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 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:

**79-20-9 methyl acetate**

|            |          |   |
|------------|----------|---|
| Oral       | LD50     | 3,705 mg/kg (rabbit)<br>6,970 mg/kg (rat) |
| Dermal     | LD50     | >2,000 mg/kg (rat)                        |
| Inhalative | LC50/4 h | 49-98 mg/l (rat)                          |

**67-64-1 acetone**

|            |          |  |
|------------|----------|--|
| Oral       | LD50     | 5,800 mg/kg (rat) (OECD 401)                   |
|            | NOEL     | 900 mg/kg (rat)                                |
| Dermal     | LD50     | 15,688 mg/kg (rat)<br>7,426-15,800 mg/kg (rbt) |
| Inhalative | LC50/4 h | 76 mg/l (rat)                                  |
|            | NOAEL    | 22,500 mg/m <sup>3</sup> (rat)                 |
|            | LC50/48h | 8,450 mg/l (cru)<br>2,262 mg/l (daphnia magna) |

**141-78-6 ethyl acetate**

|            |             |   |
|------------|-------------|---|
| Oral       | LD50        | 4,100 mg/kg (mouse)<br>5,620 mg/kg (rat)<br>4,934 mg/kg (rbt) |
|            | NOAEL-Werte | 900 mg/kg (rat)   |
| Dermal     | LD50        | >18,000 mg/kg (rabbit)  |
| Inhalative | LC50        | 58 mg/l (rat)   |
|            | LC50/4 h    | 1,600 mg/l (rat)  |
|            | LC50/1h     | 200 mg/l (rat)  |
|            | LC50/8h     | 5.86 mg/l (rat)   |
|            | LC50/48h    | 333 mg/l (Leuciscus idus)                                     |

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **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** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**· **Endocrine disrupting properties**

None of the ingredients is listed.

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**SECTION 12: Ecological information****· 12.1 Toxicity****· Aquatic toxicity:****79-20-9 methyl acetate**

|          |  |
|----------|--|
| EC50     | 1,027 mg/l (daphnia magna) (OECD TG 202)   |
| LC50     | >5,000 mg/l (rabbit)   |
| EC10/16h | 1,830 mg/l (pseudomonas putida)  |
| EC50/72h | >120 mg/l (Scenedesmus subspicatus) (OECD TG 201)                                |
| LC50/96h | 250-350 mg/l (Brachydanio rerio) (OECD TG 203)<br>320 mg/l (Pimephales promelas) |

**67-64-1 acetone**

|           |   |
|-----------|---|
| EC50/96h  | 7,200 mg/l (green alge)<br>8,300 mg/l (piscis)<br>8,300 mg/l (lepomis macrochirus)<br>7,500 mg/l (selenastrum capricornutum)                                |
| EC50      | 1,700 mg/l (bacteria)   |
| LC50      | 6,368 mg/l (piscis)   |
| EC5/16h   | 1,700 mg/l (pseudomonas putida)   |
| EC5/72h   | 28 mg/l (Entosiphon sulcatum)   |
| EC5/8d    | 530 mg/l (Microcystis aeruginosa)   |
| IC5/8d    | 7,500 mg/l (Scenedesmus quadricauda)  |
| EC50/48h  | 3,400 mg/l (green alge)<br>8,800 mg/l (daphnia magna)   |
| NOEC      | 1,700 mg/kg (pseudomonas putida)<br>4,740 mg/kg (selenastrum capricornutum)   |
| NOELR/28d | 2,212 mg/l (daphnia magna)  |
| EC50/48h  | 12,600 mg/l (Danio rerio.)<br>8,800 mg/l (daphnia magna)  |
| LC50/96h  | 8,300 mg/l (lem)<br>8,300 mg/l (lepomis macrochirus)<br>7,500 mg/l (Leuciscus idus)<br>5,540 mg/l (Oncorhynchus mykiss)<br>8,120 mg/l (Pimephales promelas) |

**141-78-6 ethyl acetate**

|           |  |
|-----------|--|
| EC50/96h  | 220 mg/l (Pimephales promelas)   |
| EC10/18h  | 2,900 mg/l (pseudomonas putida)  |
| EC50/48h  | 610 mg/l (daphnia magna) (DIN 38412)<br>5,600 mg/l (Desmodesmus subspicatus) |
| IC50/48h  | 3,300 mg/l (Scenedesmus subspicatus)   |
| LC 0      | 29.3 mg/l (rat)  |
| NOELR/72h | >100 mg/l (Desmodesmus subspicatus)  |
| NOEC/21d  | 2.4 mg/l (daphnia magna)   |
| EC10      | 2,900 mg/l (pseudomonas putida)  |
| EC50/48h  | 3,300 mg/l (Scenedesmus subspicatus)   |

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|          |                                |
|----------|--------------------------------|
| LC50/96h | 230 mg/l (Oncorhynchus mykiss) |
|          | 230 mg/l (Pimephales promelas) |

- **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**

- **Additional ecological information:**

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

### 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.

- **European waste catalogue**

|          |   |
|----------|---|
| 14 00 00 | WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08) |
|----------|---|

|          |   |
|----------|---|
| 14 06 00 | waste organic solvents, refrigerants and foam/aerosol propellants |
|----------|---|

|           |                                     |
|-----------|-------------------------------------|
| 14 06 03* | other solvents and solvent mixtures |
|-----------|-------------------------------------|

- **Uncleaned packaging:**

- **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

- **Recommended cleansing agents:**

Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- **14.1 UN number or ID number**

- **ADR, IMDG, IATA**

UN1263

- **14.2 UN proper shipping name**

- **ADR**

- **IMDG, IATA**

1263 PAINT RELATED MATERIAL, special provision 640C  
PAINT RELATED MATERIAL

- **14.3 Transport hazard class(es)**

- **ADR**



- **Class**

3 (F1) Flammable liquids.

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|   |   |
|---|---|
| · <u>Label</u>  | 3   |
| · <u>IMDG</u>   |   |
|  |   |
| · <u>Class</u>  | 3.2   |
| · <u>Label</u>  | 3   |
| · <u>IATA</u>   |   |
|  |   |
| · <u>Class</u>  | 3 Flammable liquids.  |
| · <u>Label</u>  | 3   |
| · <b>14.4 Packing group</b>   |   |
| · <u>ADR, IMDG, IATA</u>  | II  |
| · <b>14.5 Environmental hazards:</b>  |   |
| · <u>Marine pollutant:</u>  | No  |
| · <b>14.6 Special precautions for user</b>  | Warning: Flammable liquids.   |
| · <u>Hazard identification number (Kemler code):</u>                              | 33  |
| · <u>EMS Number:</u>  | F-E, <u>S</u> -E  |
| · <u>Stowage Category</u>   | B   |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b>             | Not applicable.   |
| · <u>Transport/Additional information:</u>  |   |
| · <u>ADR</u>  |   |
| · <u>Limited quantities (LQ)</u>  | 5L  |
| · <u>Excepted quantities (EQ)</u>   | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · <u>Transport category</u>   | 2   |
| · <u>Tunnel restriction code</u>  | D/E   |
| · <u>IMDG</u>   |   |
| · <u>Limited quantities (LQ)</u>  | 5L  |
| · <u>Excepted quantities (EQ)</u>   | Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · <u>UN "Model Regulation":</u>   | UN 1263 PAINT RELATED MATERIAL, SPECIAL PROVISION 640C, 3, II   |

**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

P5c FLAMMABLE LIQUIDS

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EU

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.08.2022

Version number 2 (replaces version 1)

Revision: 31.08.2022

**Trade name: Nitro Thinner**

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· 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

· 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

67-64-1 acetone

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

67-64-1 acetone

3

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

67-64-1 acetone

3

· National regulations:

· Information about limitation of use: Employment restrictions concerning juveniles must be observed.  
Employment restrictions concerning pregnant and lactating women must be observed.

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· VOC EU 890.0 g/l

· **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.

· Department issuing SDS: Laboratory

· Date of previous version: 31.08.2022

· Version number of previous version: 1

· 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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)

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LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

EU