

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 1 of 14

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Chloroform, anhydrous a.r.

Substance name: trichloromethane  
REACH Registration Number: 01-2119486657-20-XXXX  
CAS No: 67-66-3  
Index No: 602-006-00-4  
EC No: 200-663-8

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Reagents and laboratory chemicals  
Only for laboratory and analysis purposes.

**Uses advised against**

Do not use for private purposes (household).

**1.3. Details of the supplier of the safety data sheet****Details of the supplier of the safety data sheet**

Company name: AnalytiChem Services, Unipessoal, Lda  
Street: Rua de Júlio Dinis 676 7º  
Place: N-4050-320 Porto  
Telephone: +351 226002917  
E-mail: info@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Internet: www.analytichem.com  
Responsible Department: SDS service department

**Supplier or manufacturer details**

Company name: AnalytiChem Belgium NV  
Street: Industriezone "De Arend" 2  
Place: B-8210 Zedelgem  
Telephone: +32 50 28 83 20  
E-mail: info.be@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Responsible Department: AnalytiChem:  
EU-Belgium: AnalytiChem Belgium, Industriezone "De Arend" 2, 8210 Zedelgem, Belgium, +32 50 28 83 20  
EU-Germany: AnalytiChem Germany, Stempelstrasse 6, 47167 Duisburg, Germany, +49 203 51 94 – 200  
EU-Netherlands: AnalytiChem Netherlands, Communicatieweg 7, 3641 SG Mijdrecht, The Netherlands, +31 297 286848  
UK: AnalytiChem UK, Unit 7 Launton Business Center, Murdock Road, Bicester, OX26 4XB, England, +44 1869 355 500  
USA: AnalytiChem USA, 227 China Road, Winslow, Maine, 04901, United States, +1 800-244-8378  
Canada: AnalytiChem Canada, 21800 Clark Graham Avenue, Baie d'Urfe, H9X 4B6, Canada, +1 514-457-0701  
Australia: ORE Research & Exploration Pty Ltd, 37A Hosie Street, Bayswater North, 3153, Australia, +61 3 9729 0333

## Chloroform, anhydrous a.r.

Revision: 14.08.2025

Product code: AC11.00545

Page 2 of 14

**1.4. Emergency telephone number:**

+44 20 3807 3798 (CHEMTREC)

**Further Information**

No data available

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Carc. 2; H351  
Muta. 2; H341  
Repr. 2; H361d  
Acute Tox. 3; H331  
Acute Tox. 4; H302  
Skin Irrit. 2; H315  
Eye Irrit. 2; H319  
STOT SE 3; H336  
STOT RE 1; H372

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****Regulation (EC) No 1272/2008****Signal word:** Danger**Pictograms:****Hazard statements**

H331 Toxic if inhaled.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H341 Suspected of causing genetic defects.  
H351 Suspected of causing cancer.  
H361d Suspected of damaging the unborn child.  
H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs (kidneys, liver, central nervous system) through prolonged or repeated exposure.

**Precautionary statements**

P201 Obtain special instructions before use.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
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.

**Special labelling**

Only for laboratory and analysis purposes.  
For use in industrial installations only.

## Chloroform, anhydrous a.r.

Revision: 14.08.2025

Product code: AC11.00545

Page 3 of 14

**2.3. Other hazards**

No data available

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Sum formula: CHCl<sub>3</sub>  
Molecular weight: 119,38 g/mol

**Relevant ingredients**

| CAS No  | Chemical name                                                                                                                                           |              |                       | Quantity |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------|----------|
|         | EC No                                                                                                                                                   | Index No     | REACH No              |          |
|         | Classification (Regulation (EC) No 1272/2008)                                                                                                           |              |                       |          |
| 67-66-3 | trichloromethane                                                                                                                                        |              |                       | 100 %    |
|         | 200-663-8                                                                                                                                               | 602-006-00-4 | 01-2119486657-20-XXXX |          |
|         | Carc. 2, Muta. 2, Repr. 2, Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 1; H351 H341 H361d H331 H302 H315 H319 H336 H372 |              |                       |          |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No  | EC No                                                                                                   | Chemical name    | Quantity |
|---------|---------------------------------------------------------------------------------------------------------|------------------|----------|
|         | Specific Conc. Limits, M-factors and ATE                                                                |                  |          |
| 67-66-3 | 200-663-8                                                                                               | trichloromethane | 100 %    |
|         | inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); oral: LD50 = 908 mg/kg |                  |          |

**Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection!

**After inhalation**

Provide fresh air.  
If breathing is irregular or stopped, administer artificial respiration.  
Call a physician immediately.

**After contact with skin**

Wash immediately with: Water  
Take off immediately all contaminated clothing and wash it before reuse.  
Call a physician immediately.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Protect uninjured eye.

**After ingestion**

Observe risk of aspiration if vomiting occurs.  
Give sodium sulfate as laxative (1 tablespoon in 1 glass of water) with plenty of activated coal.  
Call a physician immediately.

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 4 of 14

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

Irritant  
Cough  
Dyspnoea  
Respiratory complaints  
Dizziness  
Anaesthetic state  
Agitation  
Spasms  
Inebriation  
Gastrointestinal complaints  
Vomiting  
Headache  
Has degreasing effect on the skin.  
Circulatory collapse  
Cardiac arrhythmias

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

Give sodium sulfate as laxative (1 tablespoon in 1 glass of water).

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

Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**

no restriction

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

Non-combustible liquids  
Hazardous combustion products  
In case of fire may be liberated:  
Hydrogen chloride (HCl)  
Phosgene

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.  
In case of fire and/or explosion do not breathe fumes.  
Avoid contact with skin, eyes and clothes.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Use water spray jet to protect personnel and to cool endangered containers.

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

Do not breathe vapour/aerosol.

**For non-emergency personnel**

Provide adequate ventilation.  
Use personal protection equipment.  
Avoid contact with skin, eyes and clothes.  
Remove persons to safety.

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 5 of 14

Emergency procedures  
Consult an expert  
Do not breathe dust/fume/gas/mist/vapours/spray.

**For emergency responders**

Precautionary statements For emergency responders : Personal protection equipment: see section 8

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****For containment**

Cover drains.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
Collect in closed and suitable containers for disposal.  
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

**For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

**Other information**

Provide adequate ventilation.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Read label before use. Handle and open container with care.  
When using do not eat, drink, smoke, sniff. Use personal protection equipment.  
Provide adequate ventilation. Avoid contact with skin, eyes and clothes.  
Do not breathe vapour/aerosol. Use extractor hood (laboratory).

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately.  
Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Avoid: aerosol or mist formation Do not breathe vapour/aerosol.

**Further information on handling**

Draw up and observe skin protection programme.  
Wash hands and face before breaks and after work and take a shower if necessary.  
Take off immediately all contaminated clothing and wash it before reuse.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Protect against: Light  
Store in a well-ventilated place. Keep container tightly closed.  
Store in a place accessible by authorized persons only.

**Hints on joint storage**

Take national regulations into account.

## Chloroform, anhydrous a.r.

Revision: 14.08.2025

Product code: AC11.00545

Page 6 of 14

## Further information on storage conditions

storage temperature +2°C - +25°C

## 7.3. Specific end use(s)

Laboratory chemicals

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## Exposure limits (EH40)

| CAS No  | Substance  | ppm | mg/m <sup>3</sup> | fibres/ml | Category  | Origin |
|---------|------------|-----|-------------------|-----------|-----------|--------|
| 67-66-3 | Chloroform | 2   | 9.9               |           | TWA (8 h) | WEL    |

## DNEL/DMEL values

| CAS No                   | Substance        | Exposure route | Effect                 | Value |
|--------------------------|------------------|----------------|------------------------|-------|
| 67-66-3                  | trichloromethane |                |                        |       |
| Worker DNEL, long-term   | dermal           | systemic       | 0,94 mg/kg bw/day      |       |
| Consumer DNEL, long-term | inhalation       | systemic       | 0,18 mg/m <sup>3</sup> |       |
| Worker DNEL, long-term   | inhalation       | systemic       | 2,5 mg/m <sup>3</sup>  |       |
| Worker DNEL, acute       | inhalation       | systemic       | 333 mg/m <sup>3</sup>  |       |
| Worker DNEL, long-term   | inhalation       | local          | 2,5 mg/m <sup>3</sup>  |       |

## PNEC values

| CAS No                                           | Substance        | Value |
|--------------------------------------------------|------------------|-------|
| 67-66-3                                          | trichloromethane |       |
| Freshwater                                       | 0,146 mg/l       |       |
| Freshwater (intermittent releases)               | 0,133 mg/l       |       |
| Marine water                                     | 0,015 mg/l       |       |
| Freshwater sediment                              | 0,45 mg/kg       |       |
| Marine sediment                                  | 0,09 mg/kg       |       |
| Micro-organisms in sewage treatment plants (STP) | 0,048 mg/l       |       |
| Soil                                             | 0,56 mg/kg       |       |

## 8.2. Exposure controls

## Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

## Individual protection measures, such as personal protective equipment

## Eye/face protection

goggles

Wear eye/face protection.

## Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 7 of 14

specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable examples are gloves of KCL GmbH, D-36124 Eichenzell, e-mail: [vertrieb@kcl.de](mailto:vertrieb@kcl.de) with the following specification (test according to EN 374):

By long-term hand contact

Trade name/designation: KCL 890 Vitoject®

Recommended material: FKM (fluoro rubber) 0,7 mm

Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation: KCL 890 Vitoject®

Recommended material: FKM (fluoro rubber) 0,7 mm

Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

**Skin protection**

Wear suitable protective clothing. Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

The choice of body protection depends on the concentration and quantity of hazardous substances. The chemical resistance of protective agents must be clarified with their suppliers.

**Respiratory protection**

Respiratory protection necessary at: aerosol or mist formation

Filtering device with filter or ventilator filtering device of type: AX

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

**Thermal hazards**

No data available

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

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

|                                                           |                   |
|-----------------------------------------------------------|-------------------|
| Physical state:                                           | Liquid            |
| Colour:                                                   | colourless        |
| Odour:                                                    | characteristic    |
| Odour threshold:                                          | No data available |
| Melting point/freezing point:                             | -63 °C            |
| Boiling point or initial boiling point and boiling range: | 61 - 62 °C        |
| Flammability:                                             | No data available |
| Lower explosion limits:                                   | No data available |
| Upper explosion limits:                                   | No data available |
| Flash point:                                              | No data available |

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 8 of 14

|                                                   |                        |
|---------------------------------------------------|------------------------|
| Auto-ignition temperature:                        | No data available      |
| Decomposition temperature:                        | No data available      |
| pH-Value:                                         | No data available      |
| Viscosity / kinematic:                            | No data available      |
| Water solubility:<br>(at 23 °C)                   | 8,7 g/l                |
| Solubility in other solvents<br>No data available |                        |
| Dissolution rate:                                 | No data available      |
| Partition coefficient n-octanol/water:            | No data available      |
| Dispersion stability:                             | No data available      |
| Vapour pressure:<br>(at 20 °C)                    | 211 hPa                |
| Vapour pressure:                                  | No data available      |
| Density:                                          | 1,49 g/cm <sup>3</sup> |
| Relative density:                                 | No data available      |
| Bulk density:                                     | No data available      |
| Relative vapour density:                          | No data available      |
| Particle characteristics:                         | No data available      |

**9.2. Other information**

**Information with regard to physical hazard classes**

Explosive properties

No data available

Sustained combustibility:

No data available

Self-ignition temperature

Solid:

No data available

Gas:

No data available

**Other safety characteristics**

Evaporation rate:

No data available

Solvent separation test:

No data available

Solvent content:

No data available

Solid content:

0%

Sublimation point:

No data available

Softening point:

No data available

Pour point:

No data available

No data available:

Viscosity / dynamic:

0,57 mPa·s

(at 20 °C)

Flow time:

No data available

**Further Information**

No data available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

Protect against:

Light

Heat

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 9 of 14

**10.3. Possibility of hazardous reactions**

Ammonia (NH<sub>3</sub>), Amines, Nitrogen oxides (NO<sub>x</sub>), Alkali (lye), Fluorine, Alkali metals Alkaline earth metal, metals, Powdered metals, Methanol, Light metal, Ketone, Oxidising agent, strong

**10.4. Conditions to avoid**

Protect against:

Light

Heat

**10.5. Incompatible materials**

Rubber articles

plastics

**10.6. Hazardous decomposition products**

In case of fire may be liberated:

SECTION 5: Firefighting measures

**Further information**

No data available

**SECTION 11: Toxicological information****11.1. Information on hazard classes****Toxicokinetics, metabolism and distribution**

Avoid exposure - obtain special instructions before use.

**Acute toxicity**

Toxic if inhaled.

Harmful if swallowed.

Resorption (oral)

Resorption (by inhalation)

Resorption (dermal)

| CAS No  | Chemical name        |                |         |                                         |                    |
|---------|----------------------|----------------|---------|-----------------------------------------|--------------------|
|         | Exposure route       | Dose           | Species | Source                                  | Method             |
| 67-66-3 | trichloromethane     |                |         |                                         |                    |
|         | oral                 | LD50 908 mg/kg | Rat     | Toxicology and Applied Pharmacology 52, | OECD Guideline 401 |
|         | inhalation vapour    | ATE 3 mg/l     |         |                                         |                    |
|         | inhalation dust/mist | ATE 0,5 mg/l   |         |                                         |                    |

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

Suspected of causing cancer. (trichloromethane)

Suspected of causing genetic defects. (trichloromethane)

Suspected of damaging the unborn child. (trichloromethane)

**STOT-single exposure**

May cause drowsiness or dizziness. (trichloromethane)

**STOT-repeated exposure**

Causes damage to organs through prolonged or repeated exposure. (trichloromethane)

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 10 of 14

**Aspiration hazard**

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

Observe risk of aspiration if vomiting occurs. (Pulmonary oedema Pneumonia)

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No data available

**Practical experience**

No data available

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

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**Other information**

No data available

**Further information**

Irritant

Cough

Dyspnoea

Respiratory complaints

Dizziness

Anaesthetic state

Agitation

Spasms

Inebriation

Gastrointestinal complaints

Vomiting

Headache

Has degreasing effect on the skin.

Circulatory collapse

Cardiac arrhythmias

**SECTION 12: Ecological information****12.1. Toxicity**

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

## Chloroform, anhydrous a.r.

Revision: 14.08.2025

Product code: AC11.00545

Page 11 of 14

| CAS No  | Chemical name            |                     |           |                                                     |                                          |                                         |
|---------|--------------------------|---------------------|-----------|-----------------------------------------------------|------------------------------------------|-----------------------------------------|
|         | Aquatic toxicity         | Dose                | [h]   [d] | Species                                             | Source                                   | Method                                  |
| 67-66-3 | trichloromethane         |                     |           |                                                     |                                          |                                         |
|         | Acute fish toxicity      | LC50 103 - 171 mg/l | 96 h      | Pimephales promelas                                 | Bulletin of Environmental Contamination  | Method after: Procedures recommended by |
|         | Acute algae toxicity     | ErC50 13,3 mg/l     | 72 h      | Chlamydomonas reinhardtii                           | Environmental Science and Pollution Rese | A modified cell multiplication inhibito |
|         | Acute crustacea toxicity | EC50 152,5 mg/l     | 48 h      | other aquatic mollusc: Crassostrea gigas            | Study report (2002)                      | other: ASTM Method E724-94              |
|         | Crustacea toxicity       | NOEC 13 mg/l        | 21 d      | Daphnia magna                                       | Water Research 23(4), 501-510 (1989)     | other: Recommendation of the            |
|         | Acute bacteria toxicity  | EC50 840 mg/l ( )   | 0,5 h     | activated sludge of a predominantly domestic sewage | Toxicity Assessment: An International Jo | OECD Guideline 209                      |

**12.2. Persistence and degradability**

0 %; 14 d

OECD / 301C

Not readily biodegradable (according to OECD criteria)

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**Partition coefficient n-octanol/water**

| CAS No  | Chemical name    | Log Pow |
|---------|------------------|---------|
| 67-66-3 | trichloromethane | 1,97    |

**BCF**

| CAS No  | Chemical name    | BCF | Species                   | Source               |
|---------|------------------|-----|---------------------------|----------------------|
| 67-66-3 | trichloromethane | 690 | Selenastrum capricornutum | Environmental Scienc |

**12.4. Mobility in soil**

log Koc: 1,72

Mobility in soil

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of UK REACH.

**12.6. Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects**

Discharge into the environment must be avoided.

**Further information**

Do not allow to enter into surface water or drains.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Send to a physico-chemical treatment facility under observation of official regulations.

Do not empty into drains.

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 12 of 14

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)".

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

|                                          |            |
|------------------------------------------|------------|
| <b>14.1. UN number or ID number:</b>     | UN 1888    |
| <b>14.2. UN proper shipping name:</b>    | CHLOROFORM |
| <b>14.3. Transport hazard class(es):</b> | 6.1        |
| <b>14.4. Packing group:</b>              | III        |
| Hazard label:                            | 6.1        |
| Classification code:                     | T1         |
| Limited quantity:                        | 5 L        |
| Excepted quantity:                       | E1         |
| Transport category:                      | 2          |
| Hazard No:                               | 60         |
| Tunnel restriction code:                 | E          |

**Inland waterways transport (ADN)**

|                                          |            |
|------------------------------------------|------------|
| <b>14.1. UN number or ID number:</b>     | UN 1888    |
| <b>14.2. UN proper shipping name:</b>    | CHLOROFORM |
| <b>14.3. Transport hazard class(es):</b> | 6.1        |
| <b>14.4. Packing group:</b>              | III        |
| Hazard label:                            | 6.1        |
| Classification code:                     | T1         |
| Special Provisions:                      | 802        |
| Limited quantity:                        | 5 L        |
| Excepted quantity:                       | E1         |

**Marine transport (IMDG)**

|                                          |            |
|------------------------------------------|------------|
| <b>14.1. UN number or ID number:</b>     | UN 1888    |
| <b>14.2. UN proper shipping name:</b>    | CHLOROFORM |
| <b>14.3. Transport hazard class(es):</b> | 6.1        |
| <b>14.4. Packing group:</b>              | III        |
| Hazard label:                            | 6.1        |
| Special Provisions:                      | -          |
| Limited quantity:                        | 5 L        |
| Excepted quantity:                       | E1         |
| EmS:                                     | F-A, S-A   |

**Air transport (ICAO-TI/IATA-DGR)**

|                                          |            |
|------------------------------------------|------------|
| <b>14.1. UN number or ID number:</b>     | UN 1888    |
| <b>14.2. UN proper shipping name:</b>    | CHLOROFORM |
| <b>14.3. Transport hazard class(es):</b> | 6.1        |
| <b>14.4. Packing group:</b>              | III        |
| Hazard label:                            | 6.1        |
| Limited quantity Passenger:              | 2 L        |
| Passenger LQ:                            | Y680       |
| Excepted quantity:                       | E1         |
| IATA-packing instructions - Passenger:   | 680        |
| IATA-max. quantity - Passenger:          | 60 L       |
| IATA-packing instructions - Cargo:       | 680        |

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 13 of 14

IATA-max. quantity - Cargo:

220 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 32, Entry 75

Information according to Directive  
2012/18/EU (SEVESO III):

H2 ACUTE TOXIC

**Additional information**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

**National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D):

3 - highly hazardous to water

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,6,8,9,11,15.

**Abbreviations and acronyms**

Acute Tox. 3: Acute toxicity, hazard category 3

Acute Tox. 4: Acute toxicity, hazard category 4

Skin Irrit. 2: Skin irritation, hazard category 2

Eye Irrit. 2: Eye irritation, hazard category 2

Muta. 2: Germ cell mutagenicity, hazard category 2

Carc. 2: Carcinogenicity, hazard category 2

Repr. 2: Reproductive toxicity, hazard category 2

STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3

STOT RE 1: Specific target organ toxicity - repeated exposure, hazard category 1

**Relevant H and EUH statements (number and full text)**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H336 May cause drowsiness or dizziness.

H341 Suspected of causing genetic defects.

H351 Suspected of causing cancer.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs (kidneys, liver, central nervous system) through prolonged or repeated exposure.

H372 Causes damage to organs through prolonged or repeated exposure.

**Chloroform, anhydrous a.r.**

Revision: 14.08.2025

Product code: AC11.00545

Page 14 of 14

**Further Information**

Provide appropriate information, instructions and training to users

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.