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

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

· **1.1 Product identifier**

· **Trade name: AQUAMETRIC Coulomat A**

· **Article number:** 6181
· **Registration number** A registration number is not available for this substance as it is a mixture.
· **UFI:** 8P51-101C-W00A-9P4Q
· **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** Laboratory chemicals

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
PANREAC QUIMICA S.L.U.
C/Garraf 2
Polígono Pla de la Bruguera
E-08211 Castellar del Vallès (Barcelona)
Tel. (+34) 937 489 400
Fax. (+34) 937 489 401
e-mail: product.safety@itwreagents.com

· **Further information obtainable from:** email: product.safety@panreac.com
· **1.4 Emergency telephone number:**
Single telephone number for emergency calls: 112 (EU)
Tel.: (+34) 937 489 499

## SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

| | | |
|---|---|---|
| Flam. Liq. 3 | H226 | Flammable liquid and vapour. |
| Acute Tox. 3 | H301 | Toxic if swallowed. |
| Acute Tox. 3 | H311 | Toxic in contact with skin. |
| Acute Tox. 3 | H331 | Toxic if inhaled. |
| Skin Corr. 1B | H314 | Causes severe skin burns and eye damage. |
| Eye Dam. 1 | H318 | Causes serious eye damage. |
| Carc. 2 | H351 | Suspected of causing cancer. |
| Repr. 1B | H360D | May damage the unborn child. |
| STOT SE 1 | H370 | Causes damage to the central nervous system and the visual organs. |
| STOT RE 1 | H372 | Causes damage to the central nervous system, the kidneys, the liver and the respiratory system through prolonged or repeated exposure. |

(Contd. on page 2)

**Trade name: AQUAMETRIC Coulomat A**

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· **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**



GHS02 GHS05 GHS06 GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**
trichloromethane
methanol
Imidazole
Iodine
sulphur dioxide
· **Hazard statements**

| | |
|---|---|
| H226 | Flammable liquid and vapour. |
| H301+H311+H331 | Toxic if swallowed, in contact with skin or if inhaled. |
| H314 | Causes severe skin burns and eye damage. |
| H351 | Suspected of causing cancer. |
| H360D | May damage the unborn child. |
| H370 | Causes damage to the central nervous system and the visual organs. |
| H372 | Causes damage to the central nervous system, the kidneys, the liver and the respiratory system through prolonged or repeated exposure. |

· **Precautionary statements**

| | |
|---|---|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER/ doctor. |
| P321 | Specific treatment (see on this label). |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P361+P364 | Take off immediately all contaminated clothing and wash it before reuse. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |

· **Additional information:**
For use in industrial installations only.
· **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.

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· **Dangerous components:**

| | | |
|---|---|---|
| CAS: 67-56-1<br>EINECS: 200-659-6<br>Index number: 603-001-00-X<br>Reg.nr.: 01-2119433307-44-XXXX | methanol<br>Flam. Liq. 2, H225; Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; STOT SE 1, H370<br>Specific concentration limits: STOT SE 1; H370: C ≥ 10 %<br>STOT SE 2; H371: 3 % ≤ C < 10 % | >30-≤40% |
| CAS: 67-66-3<br>EINECS: 200-663-8<br>Index number: 602-006-00-4<br>Reg.nr.: 01-2119486657-20-XXXX | trichloromethane<br>Acute Tox. 3, H331; Carc. 2, H351; Repr. 2, H361d; STOT RE 1, H372; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 | >30-≤40% |
| CAS: 288-32-4<br>EINECS: 206-019-2<br>Index number: 613-319-00-0<br>Reg.nr.: 01-2119485825-24-XXXX | Imidazole<br>Repr. 1B, H360D; Skin Corr. 1C, H314; Acute Tox. 4, H302 | ≥5-≤15% |
| CAS: 7446-09-5<br>EINECS: 231-195-2<br>Index number: 016-011-00-9 | sulphur dioxide<br>Acute Tox. 3, H331; Skin Corr. 1B, H314; Press. Gas (Comp.), H280 | 5% |
| CAS: 7553-56-2<br>EINECS: 231-442-4<br>Index number: 053-001-00-3<br>Reg.nr.: 01-2119485285-30-XXXX | Iodine<br>STOT RE 1, H372; Aquatic Acute 1, H400; Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 | >4-≤5% |

· **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.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Remove breathing equipment only after contaminated clothing have been completely removed.
In case of irregular breathing or respiratory arrest provide artificial respiration.
Involve doctor immediately.
· **After inhalation:**
Supply fresh air or oxygen; call for doctor.
In case of unconsciousness place patient stably in side position for transportation.
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
· **After skin contact:**
Call a doctor immediately.
Immediately wash with water and soap and rinse thoroughly.
Immediately remove any clothing soiled by the product.
· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
· **After swallowing:**
Do not induce vomiting; call for medical help immediately.
Make victim drink ethanol (e.g. 1 drink glass off a 40 % alcoholic beverage).
· **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

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· **4.3 Indication of any immediate medical attention and special treatment needed**
Mentioning methanol ingestion.

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## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:** CO2, sand, extinguishing powder. Do not use water.
· **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:
Nitrogen oxides (NOx)
Carbon monoxide and carbon dioxide
Sulphur oxides (SOx)
Forms explosive mixtures with air at ambient temperatures.
Formaldehyde
Vapours ara heavier than air and may spread along floors.
Beware of backfiring.
Forms explosive mixtures with air on intense heating.
Hydrogen iodide (HI)
· **5.3 Advice for firefighters**
· **Protective equipment:**
Mouth respiratory protective device.
Wear self-contained respiratory protective device.
· **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Contain escaping vapours with water.

## SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Avoid substance contact.
Do not inhale steams/aerosols.
· **6.2 Environmental precautions:** 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).
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
Clean up affected area.
· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

## SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

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· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
Keep respiratory protective device available.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Away from sources of ignition and heat.
· **Further information about storage conditions:**
Keep container tightly sealed.
Protect from heat and direct sunlight.
Open receptacle only under localised extractor facilities.
Store receptacle in a well ventilated area.
Store under lock and key and with access restricted to technical experts or their assistants only.
Accesible for authorised persons only.
· **Recommended storage temperature:** Room Temperature
· **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:** | |
|---|---|
| **67-56-1 methanol** | |
| IOELV | Long-term value: 260 mg/m³, 200 ppm<br>Skin |
| **67-66-3 trichloromethane** | |
| IOELV | Long-term value: 10 mg/m³, 2 ppm<br>Skin |
| **7446-09-5 sulphur dioxide** | |
| IOELV | Short-term value: 2.7 mg/m³, 1 ppm<br>Long-term value: 1.3 mg/m³, 0.5 ppm |

| · **DNELs** | | |
|---|---|---|
| **67-56-1 methanol** | | |
| Oral | Acute - systemic effects, general population | 5 mg/kg |
| | Long-term - systemic effects, general population | 5 mg/kg |
| Dermal | Acute - systemic effects, worker | 20 mg/kg |
| | Long-term - systemic effects, worker | 20 mg/kg |
| | Acute - systemic effects, general population | 5 mg/kg |
| | Long term - systemic effects, general population | 5 mg/kg |
| Inhalative | Acute - local effects, worker | 130 mg/m3 |
| | Acute - systemic effects, worker | 130 mg/m3 |
| | Long-term - systemic effects, worker | 130 mg/m3 |
| | Long-term - local effects, worker | 130 mg/m3 |
| | Acute - systemic effects, general population | 26 mg/m3 |
| | Acute - local effects, general population | 26 mg/m3 |
| | Long-term - systemic effects, general population | 26 mg/m3 |

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| | | |
|---|---|---|
| | Long-term - local effects, general population | 26 mg/m3 |
| **67-66-3 trichloromethane** | | |
| Dermal | Long-term - systemic effects, worker | 0.94 mg/kg |
| Inhalative | Acute - systemic effects, worker | 333 mg/m3 |
| | Long-term - systemic effects, worker | 2.5 mg/m3 |
| | Long-term - local effects, worker | 2.5 mg/m3 |
| | Long-term - systemic effects, general population | 0.18 mg/m3 |

· **PNECs**

| **67-56-1 methanol** | |
|---|---|
| Aquatic compartment - freshwater | 20.8 mg/L |
| Aquatic compartment - marine water | 2.08 mg/L |
| Aquatic compartment - water, intermittent releases | 1,540 mg/L |
| Aquatic compartment - sediment in freshwater | 77 mg/kg |
| Terrestrial compartment - soil | 100 mg/kg |
| Sewage treatment plant | 100 mg/L |
| **67-66-3 trichloromethane** | |
| Aquatic compartment - freshwater | 0.146 mg/L |
| Aquatic compartment - marine water | 0.015 mg/L |
| Aquatic compartment - water, intermittent releases | 0.133 mg/L |
| Aquatic compartment - sediment in freshwater | 0.45 mg/kg |
| Aquatic compartment - sediment in marine water | 0.09 mg/kg |
| Terrestrial compartment - soil | 0.56 mg/kg |
| Sewage treatment plant | 0.048 mg/L |

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

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
· **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Use suitable respiratory protective device only when aerosol or mist is formed.
· **Hand protection**



Protective gloves

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

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**Trade name: AQUAMETRIC Coulomat A**

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· **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.
· **For the permanent contact gloves made of the following materials are suitable:**
Recommended thickness of the material: ≥ 0.11 mm
Value for the permeation: Level ≥ 480 min
· **As protection from splashes gloves made of the following materials are suitable:**
Recommended thickness of the material: ≥ 0.11 mm
Value for the permeation: Level ≥ 480 min
· **Eye/face protection**



Gauze goggles

· **Body protection:**
Use protective suit.
Full head, face and neck protection
Flame retardant antistatic protective clothing

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## SECTION 9: Physical and chemical properties

| | |
|---|---|
| · **9.1 Information on basic physical and chemical properties** | |
| · **General Information** | |
| · **Physical state** | Fluid |
| · **Colour:** | Colourless |
| · **Odour:** | Characteristic |
| · **Odour threshold:** | Not determined. |
| · **Melting point/freezing point:** | Undetermined. |
| · **Boiling point or initial boiling point and boiling range** | Undetermined. |
| · **Flammability** | Flammable. |
| · **Lower and upper explosion limit** | |
| · **Lower:** | 5.5 Vol % (67-56-1 methanol) |
| · **Upper:** | 44 Vol % (67-56-1 methanol) |
| · **Flash point:** | 23.5 °C |
| · **Decomposition temperature:** | Not determined. |
| · **pH at 20 °C** | 5-6 |
| · **Viscosity:** | |
| · **Kinematic viscosity** | Not determined. |
| · **Dynamic:** | Not determined. |
| · **Partition coefficient n-octanol/water (log value)** | Not determined. |
| · **Vapour pressure at 20 °C:** | 211 hPa (67-66-3 trichloromethane) |
| · **Density and/or relative density** | |
| · **Density at 20 °C:** | 0.915 g/cm³ |
| · **Relative density** | Not determined. |
| · **Vapour density** | Not determined. |
| · **9.2 Other information** | |
| · **Appearance:** | |
| · **Form:** | Liquid |

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**Trade name: AQUAMETRIC Coulomat A**

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| | |
|---|---|
| · **Important information on protection of health 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:** | 37.5 % |
| · **VOC (EC)** | 37.50 % |
| · **Solids content:** | 10-20 % |
| · **Change in condition** | |
| · **Evaporation rate** | Not determined. |

| | |
|---|---|
| · **Information with regard to physical hazard classes** | |
| · **Explosives** | Void |
| · **Flammable gases** | Void |
| · **Aerosols** | Void |
| · **Oxidising gases** | Void |
| · **Gases under pressure** | Void |
| · **Flammable liquids** | Flammable liquid and vapour. |
| · **Flammable solids** | Void |
| · **Self-reactive substances and mixtures** | Void |
| · **Pyrophoric liquids** | Void |
| · **Pyrophoric solids** | Void |
| · **Self-heating substances and mixtures** | Void |
| · **Substances and mixtures, which emit flammable gases in contact with water** | Void |
| · **Oxidising liquids** | Void |
| · **Oxidising solids** | Void |
| · **Organic peroxides** | Void |
| · **Corrosive to metals** | Void |
| · **Desensitised explosives** | Void |

## SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No further relevant information available.
· **10.6 Hazardous decomposition products:** In the event of fire: See chapter 5

## SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Toxic if swallowed, in contact with skin or if inhaled.
· **LD/LC50 values relevant for classification:**
Quantitative data on the toxicological effect of this product are not available.

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| · Components | Type | Value | Species |
|---|---|---|---|
| **ATE (Acute Toxicity Estimates)** | | | |
| Oral | LD50 | 223-229 mg/kg (rat) | |
| Dermal | LD50 | 778 mg/kg (rabbit) | |
| Inhalative | LC50/4 h | 6.32 mg/l | |
| **67-56-1 methanol** | | | |
| Oral | LD50 | 100 mg/kg (rat) | |
| Dermal | LD50 | 300 mg/kg (rabbit) | |
| Inhalative | LC50/4 h | 3 mg/l (rat) | |
| **67-66-3 trichloromethane** | | | |
| Oral | LD50 | 908 mg/kg (rat) | |
| Dermal | LD50 | 3,980 mg/kg (rabbit) | |
| Inhalative | LC50/4 h | 9.17 mg/l (rat) | |
| **7446-09-5 sulphur dioxide** | | | |
| Inhalative | LC50/4 h | 700 mg/l (ATE) | |

· **Skin corrosion/irritation** Causes severe skin burns and eye damage.
· **Serious eye damage/irritation** Causes serious eye damage.
· **After inhalation:** Strong caustic effect on skin and mucous membranes.
· **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** Suspected of causing cancer.
· **Reproductive toxicity**
May damage the unborn child.

| **67-56-1 methanol** | |
|---|---|
| NOAEL (Fertility) | 0.13 mg/kg bw/day (rat) |

· **STOT-single exposure** Causes damage to the central nervous system and the visual organs.
· **STOT-repeated exposure**
Causes damage to the central nervous system, the kidneys, the liver and the respiratory system through prolonged or repeated exposure.
· **Aspiration hazard** Based on available data, the classification criteria are not met.
· **Additional toxicological information:**

| · **Repeated dose toxicity** | | |
|---|---|---|
| **67-56-1 methanol** | | |
| Inhalative | NOAEL | 1.06 mg/l (rat) |

· **11.2 Information on other hazards**

| · **Endocrine disrupting properties** |
|---|
| None of the ingredients is listed. |

## SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:** No further relevant information available.

| · Type of test | Effective concentration | Method | Assessment |
|---|---|---|---|
| **67-56-1 methanol** | | | |
| EC50/48 h | >10,000 mg/l (daphnia magna) | | |
| EC50/96 h | 12,000 mg/l (Crustacea) | | |

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**Trade name: AQUAMETRIC Coulomat A**

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| | |
|---|---|
| LC50/96 h | 15,400 mg/l (fish) |
| **67-66-3 trichloromethane** | |
| EC50/72 h | 13.3 mg/l (Algae) |
| EC50/48 h | 152.5 mg/l (daphnia magna) |
| LC50/48 h | 29 mg/l (daphnia magna) |
| LC50/96 h | 18 mg/l (fish) |

· **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:**
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even extremely small quantities leak into the ground.

## SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Chemicals must be disposed of in compliance with the respective national regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**
· **Recommendation:**
Disposal must be made according to official regulations.
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

## SECTION 14: Transport information

· **14.1 UN number or ID number**
· **ADR, IMDG, IATA** UN2924

· **14.2 UN proper shipping name**
· **ADR, IMDG, IATA** FLAMMABLE LIQUID, CORROSIVE, N.O.S. (SULPHUR DIOXIDE, METHANOL)

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class** 3 (FC) Flammable liquids.

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**Trade name: AQUAMETRIC Coulomat A**

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| | |
|---|---|
| · **Label** | 3+8 |
| · **IMDG** | |
|  | |
| · **Class** | 3 Flammable liquids. |
| · **Label** | 3/8 |
| · **IATA** | |
|  | |
| · **Class** | 3 Flammable liquids. |
| · **Label** | 3 (8) |
| · **14.4 Packing group** | |
| · **ADR, IMDG, IATA** | III |
| · **14.5 Environmental hazards:** | Not applicable. |
| · **14.6 Special precautions for user** | Warning: Flammable liquids. |
| · **Hazard identification number (Kemler code):** | 38 |
| · **EMS Number:** | F-E,S-C |
| · **Stowage Category** | A |
| · **Stowage Code** | SW2 Clear of living quarters. |
| · **14.7 Maritime transport in bulk according to IMO instruments** | Not applicable. |
| · **Transport/Additional information:** | |
| · **ADR** | |
| · **Limited quantities (LQ)** | 5L |
| · **Excepted quantities (EQ)** | Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml |
| · **Transport category** | 3 |
| · **Tunnel restriction code** | D/E |
| · **IMDG** | |
| · **Limited quantities (LQ)** | 5L |
| · **Excepted quantities (EQ)** | Code: E1<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 1000 ml |
| · **UN "Model Regulation":** | UN 2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (SULPHUR DIOXIDE, METHANOL), 3 (8), III |

## 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.

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**Trade name: AQUAMETRIC Coulomat A**

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· **Seveso category**
H2 ACUTE TOXIC
P5c FLAMMABLE LIQUIDS
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 30, 32, 69

· **Regulation (EU) No 649/2012**

| | | |
|---|---|---|
| 67-66-3 | trichloromethane | Annex I Part 1 |

· **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**
None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**
None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
None of the ingredients is listed.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**
None of the ingredients is listed.

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

## SECTION 16: Other information

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

· **Relevant phrases**
H225 Highly flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H360D May damage the unborn child.
H361d Suspected of damaging the unborn child.
H370 Causes damage to organs.

(Contd. on page 13)

**Trade name: AQUAMETRIC Coulomat A**

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H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.

· **Department issuing SDS:** Dept. Compliance
· **Date of previous version:** 20.08.2021
· **Version number of previous version:** 7.02
· **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)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
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
Press. Gas (Comp.): Gases under pressure – Compressed gas
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Carc. 2: Carcinogenicity – Category 2
Repr. 1B: Reproductive toxicity – Category 1B
Repr. 2: Reproductive toxicity – Category 2
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
· *** Data compared to the previous version altered.**