

## SAFETY DATA SHEET

## Urifix

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

## 1.1. Product identifier

Trade name

Urifix

Unique formula identifier (UFI)

U5EA-4VTG-MY7J-7AQ3

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

Relevant identified uses of the substance or mixture

Laboratory use

Restricted to professional users.

Uses advised against

None known.

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

Company and address

**Solveco AB**

Tallbacksgatan 10

S-195 72 Rosersberg

Sweden

T: +46 (0)8 732 72 75

F: +46 (0)8 732 72 76

<http://www.solveco.se>

Contact person

Habib Hourani

E-mail

[info@solveco.se](mailto:info@solveco.se)

Revision

17/10/2024

SDS Version

3.0

Date of previous version

17/10/2024 (3.0)

## 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 112 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

## 2.1. ▼ Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.

Acute Tox. 3; H301, Toxic if swallowed.

Acute Tox. 3; H311, Toxic in contact with skin.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Irrit. 2; H319, Causes serious eye irritation.

Acute Tox. 3; H331, Toxic if inhaled.

STOT SE 1; H370, Causes damage to organs.

## 2.2. Label elements

### Hazard pictogram(s)



### Signal word

Danger

### ▼ Hazard statement(s)

Flammable liquid and vapour. (H226)

Toxic if swallowed, in contact with skin or if inhaled. (H301+H311+H331)

Causes skin irritation. (H315)

Causes serious eye irritation. (H319)

Causes damage to organs. (H370)

### Precautionary statement(s)

#### General

-

#### Prevention

Wash hands thoroughly after handling. (P264)

Wear protective gloves/protective clothing/eye protection/face protection. (P280)

#### ▼ Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340)

Specific treatment (see instructions on this label). (P321)

#### Storage

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

#### Disposal

Dispose of contents/container in accordance with local regulation (P501)

### Hazardous substances

Methanol

Acetic acid

### Additional labelling

UFI: U5EA-4VTG-MY7J-7AQ3

## 2.3. Other hazards

### Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

| Product/substance | Identifiers                                                                   | % w/w  | Classification                                                                                                                                                            | Note     |
|-------------------|-------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Methanol          | CAS No.: 67-56-1<br>EC No.: 200-659-6<br>UK-REACH:<br>Index No.: 603-001-00-X | 40-60% | Flam. Liq. 2, H225<br>Acute Tox. 3, H301<br>Acute Tox. 3, H311<br>Acute Tox. 3, H331<br>STOT SE 1, H370<br>STOT SE 2, H371 (SCL: 3.00 %)                                  | [1], [3] |
| Acetic acid       | CAS No.: 64-19-7<br>EC No.: 200-580-7<br>UK-REACH:<br>Index No.: 607-002-00-6 | 10-15% | Flam. Liq. 3, H226<br>Skin Corr. 1A, H314 (SCL: 90.00 %)<br>Skin Corr. 1B, H314 (SCL: 25.00 %)<br>Skin Irrit. 2, H315 (SCL: 10.00 %)<br>Eye Irrit. 2, H319 (SCL: 10.00 %) | [1]      |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

##### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

##### Eye contact

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

##### Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

##### Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Flammable liquid and vapour.

In use may form flammable/explosive vapour-air mixture.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/lighting/ventilating] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

Avoid direct contact with the product.

Avoid contact during pregnancy and while nursing.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Store locked up. A sign warning of toxic materials shall be affixed the room and cupboard containing the product(s).

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage conditions

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from flammable chemicals and other incompatible materials.

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Methanol

Long term exposure limit (8 hours) (ppm): 200

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 266

Short term exposure limit (15 minutes) (ppm): 250

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 333

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

Acetic acid

Long term exposure limit (8 hours) (ppm): 10

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 25

Short term exposure limit (15 minutes) (ppm): 20

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 50

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

## DNEL

Acetic acid

| Duration:                                       | Route of exposure: | DNEL:                   |
|-------------------------------------------------|--------------------|-------------------------|
| Long term – Local effects - Workers             | Dermal             | 10 mg/kg kroppsvikt/dag |
| Long term – Local effects - General population  | Inhalation         | 25 mg/m <sup>3</sup>    |
| Long term – Local effects - Workers             | Inhalation         | 25 mg/m <sup>3</sup>    |
| Short term – Local effects - General population | Inhalation         | 25 mg/m <sup>3</sup>    |
| Short term – Local effects - Workers            | Inhalation         | 25 mg/m <sup>3</sup>    |

Methanol

| Duration:                                          | Route of exposure: | DNEL:                 |
|----------------------------------------------------|--------------------|-----------------------|
| Long term – Systemic effects - General population  | Dermal             | 8 mg/kg BW/d          |
| Long term – Systemic effects - Workers             | Dermal             | 40 mg/kg BW/d         |
| Long term – Systemic effects - Workers             | Dermal             | 40 mg/kg BW/d         |
| Short term – Systemic effects - General population | Dermal             | 8 mg/kg BW/d          |
| Long term – Local effects - General population     | Inhalation         | 50 mg/m <sup>3</sup>  |
| Long term – Local effects - Workers                | Inhalation         | 260 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population  | Inhalation         | 50 mg/m <sup>3</sup>  |
| Long term – Systemic effects - Workers             | Inhalation         | 260 mg/m <sup>3</sup> |
| Short term – Local effects - General population    | Inhalation         | 50 mg/m <sup>3</sup>  |
| Short term – Local effects - Workers               | Inhalation         | 260 mg/m <sup>3</sup> |
| Short term – Systemic effects - General population | Inhalation         | 50 mg/m <sup>3</sup>  |
| Short term – Systemic effects - Workers            | Inhalation         | 260 mg/m <sup>3</sup> |
| Long term – Systemic effects - General population  | Oral               | 8 mg/kg BW/d          |
| Short term – Systemic effects - General population | Oral               | 8 mg/kg BW/d          |

## PNEC

Acetic acid

| Route of exposure:     | Duration of Exposure: | PNEC:       |
|------------------------|-----------------------|-------------|
| Freshwater             |                       | 3,058 mg/l  |
| Freshwater sediment    |                       | 11,36 mg/kg |
| Intermittent release   |                       | 30,58 mg/l  |
| Marine water           |                       | 0,3058 mg/l |
| Marine water sediment  |                       | 1,136 mg/kg |
| Sewage treatment plant |                       | 85 mg/l     |
| Soil                   |                       | 0,478 mg/kg |

Methanol

| Route of exposure:  | Duration of Exposure: | PNEC:       |
|---------------------|-----------------------|-------------|
| Freshwater          |                       | 154 mg/l    |
| Freshwater sediment |                       | 570,4 mg/kg |
| Marine water        |                       | 15,4 mg/l   |
| Soil                |                       | 23,5 mg/kg  |

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

Take off contaminated clothing and wash it before reuse.

### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment

### Generally

Use only UKCA marked protective equipment.

### Respiratory Equipment

| Work situation                                                                                                                                | Type | Class | Colour | Standards |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------|-------|--------|-----------|---------------------------------------------------------------------------------------|
| If ventilation at the work place is insufficient, use a half- or full mask with an appropriate filter or an air-supplied breathing apparatus. | A    | -     | Brown  | EN14387   |  |

### Skin protection

| Recommended                             | Type/Category | Standards |                                                                                       |
|-----------------------------------------|---------------|-----------|---------------------------------------------------------------------------------------|
| Dedicated work clothing should be worn. | -             | -         |  |

### Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards                      |                                                                                       |
|----------|----------------------|--------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| Nitrile  | -                    | -                        | EN374-2                        |  |
| Butyl    | -                    | -                        | EN374-2, EN374-3, EN388, EN421 |  |

### Eye protection

| Type                                                     | Standards |                                                                                       |
|----------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| Use face protection or safety glasses with side shields. | EN166     |  |

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Colourless

#### Odour / Odour threshold

Alcohol odor

#### pH

No relevant or available data due to the nature of the product.

#### Density (g/cm<sup>3</sup>)

No relevant or available data due to the nature of the product.

#### Kinematic viscosity

No relevant or available data due to the nature of the product.

#### Particle characteristics

Does not apply to liquids.

#### Phase changes

##### Melting point/Freezing point (°C)

No relevant or available data due to the nature of the product.

##### Softening point/range (°C)

Does not apply to liquids.

##### Boiling point (°C)

No relevant or available data due to the nature of the product.

##### Vapour pressure

No relevant or available data due to the nature of the product.

##### Relative vapour density

No relevant or available data due to the nature of the product.

##### Decomposition temperature (°C)

No relevant or available data due to the nature of the product.

#### Data on fire and explosion hazards

##### Flash point (°C)

24

##### Flammability (°C)

The material is ignitable.

##### Auto-ignition temperature (°C)

No relevant or available data due to the nature of the product.

##### Lower and upper explosion limit (% v/v)

No relevant or available data due to the nature of the product.

#### Solubility

##### Solubility in water

Completely soluble

##### n-octanol/water coefficient (LogKow)

No relevant or available data due to the nature of the product.

##### Solubility in fat (g/L)

No relevant or available data due to the nature of the product.

### 9.2. Other information

#### Other physical and chemical parameters

No data available.

#### Oxidizing properties

No relevant or available data due to the nature of the product.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid static electricity.

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

## SECTION 11: Toxicological information

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

#### Acute toxicity

|                    |                        |
|--------------------|------------------------|
| Product/substance  | Methanol               |
| Species:           | Rat                    |
| Route of exposure: | Inhalation             |
| Test:              | LD50                   |
| Result:            | 1187 mg/kg             |
| Other information: | Test concentration 95% |

|                    |                        |
|--------------------|------------------------|
| Product/substance  | Methanol               |
| Species:           | Rabbit                 |
| Route of exposure: | Dermal                 |
| Test:              | LD50                   |
| Result:            | 17100 mg/kg            |
| Other information: | Test concentration 95% |

|                    |                        |
|--------------------|------------------------|
| Product/substance  | Methanol               |
| Species:           | Rat                    |
| Route of exposure: | Inhalation             |
| Test:              | LC50 (4 hours)         |
| Result:            | 128,2 mg/L             |
| Other information: | Test concentration 95% |

|                    |             |
|--------------------|-------------|
| Product/substance  | Acetic acid |
| Species:           | Rat         |
| Route of exposure: | Oral        |
| Test:              | LD50        |
| Result:            | 3,310 mg/kg |

|                    |             |
|--------------------|-------------|
| Product/substance  | Acetic acid |
| Species:           | Mouse       |
| Route of exposure: | Inhalation  |
| Test:              | LC50        |
| Result:            | 5620 ppm    |

|                    |                 |
|--------------------|-----------------|
| Product/substance  | Acetic acid     |
| Species:           | Rat             |
| Route of exposure: | Inhalation      |
| Test:              | LC50            |
| Result:            | (4 h) 11,4 mg/L |

Toxic if swallowed.

Toxic in contact with skin.

Toxic if inhaled.

#### Skin corrosion/irritation

|                   |                                            |
|-------------------|--------------------------------------------|
| Product/substance | Acetic acid                                |
| Species:          | Rabbit                                     |
| Duration:         | No data available.                         |
| Result:           | Adverse effect observed (Highly corrosive) |

Causes skin irritation.

#### Serious eye damage/irritation

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Product/substance | Acetic acid                                         |
| Species:          | Rabbit                                              |
| Duration:         | No data available.                                  |
| Result:           | Adverse effect observed (Causes serious eye damage) |

Causes serious eye irritation.

#### Respiratory sensitisation

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

#### 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

Causes damage to organs.

#### 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

#### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure. Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information

None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |                                          |
|-------------------|------------------------------------------|
| Product/substance | Methanol                                 |
| Species:          | Fish ( <i>Lepomis macrochirus</i> )      |
| Duration:         | 96 hours                                 |
| Test:             | LC50                                     |
| Result:           | 15400 mg/L                               |
| Product/substance | Methanol                                 |
| Species:          | Daphnia ( <i>Daphnia magna</i> )         |
| Duration:         | 48 hours                                 |
| Test:             | EC50                                     |
| Result:           | 24500 mg/L                               |
| Product/substance | Methanol                                 |
| Species:          | Algae                                    |
| Duration:         | 72 hours                                 |
| Test:             | IC50                                     |
| Result:           | 441 mg/L                                 |
| Product/substance | Acetic acid                              |
| Species:          | <i>Oncorhynchus mykiss</i> (regnbågslox) |
| Duration:         | 96 hours                                 |
| Test:             | LC50                                     |

Result: 1000 mg/L

Product/substance: Acetic acid  
Species: Daphnia (Daphnia magna)  
Duration: 48 hours  
Test: EC50  
Result: 300,82 mg/L

#### 12.2. Persistence and degradability

Product/substance: Methanol  
Result: 0,4 - 0,8  
Conclusion: Readily biodegradable  
Test: BOD5/COD

Product/substance: Acetic acid  
Conclusion: Readily biodegradable  
Test: BOD5/COD

#### 12.3. Bioaccumulative potential

Product/substance: Methanol  
BCF: 1  
LogKow: -0,64  
Conclusion: -

#### 12.4. Mobility in soil

No data available.

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

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

#### 12.7. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 3 - Flammable

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute toxicity

HP 8 - Corrosive

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

##### EWC code

16 05 08\* Discarded organic chemicals consisting of or containing dangerous substances

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

|     | 14.1<br>UN / ID | 14.2<br>UN proper shipping name                            | 14.3<br>Hazard class(es)                                                | 14.4<br>PG* | 14.5<br>Env** | Other<br>information:                                                       |
|-----|-----------------|------------------------------------------------------------|-------------------------------------------------------------------------|-------------|---------------|-----------------------------------------------------------------------------|
| ADR | 1992            | FLAMMABLE LIQUID, TOXIC, N.O.S.<br>(Methanol, Acetic acid) | Transport hazard class: 3<br>Label: 3 (6.1)<br>Classification code: FT1 | II          | No            | Limited<br>quantities: 1<br>L<br>Tunnel<br>restriction<br>code: 2,<br>(D/E) |

|      | 14.1<br>UN / ID | 14.2<br>UN proper shipping name                            | 14.3<br>Hazard class(es)                                                                                                                                                                                                                       | 14.4<br>PG* | 14.5<br>Env** | Other<br>informatio<br>n:                                                                               |
|------|-----------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|---------------------------------------------------------------------------------------------------------|
|      |                 |                                                            |                                                                                                                                                                                                                                                |             |               | See below<br>for<br>additional<br>information<br>.                                                      |
| IMDG | 1992            | FLAMMABLE LIQUID, TOXIC, N.O.S.<br>(Methanol, Acetic acid) | Transport hazard class: 3<br>Label: 3 (6.1)<br>Classification code: FT1                                                                                                                                                                        | II          | No            | Limited<br>quantities: 1<br>L<br>EmS: F-E S-<br>D<br>See below<br>for<br>additional<br>information<br>. |
| IATA | UN1992          | FLAMMABLE LIQUID, TOXIC, N.O.S.<br>(Methanol, Acetic acid) | Transport hazard class: 3<br>Label: 3+6.1<br>Classification code: FT1<br>  | II          | No            | See below<br>for<br>additional<br>information<br>.                                                      |

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

#### 14.6. Special precautions for user

Not applicable.

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

No data available.

## SECTION 15: Regulatory information

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

#### Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### Demands for specific education

No specific requirements.

#### SEVESO - Categories / dangerous substances

H2 - ACUTE TOXIC, Qualifying quantity (lower-tier): 50 tonnes / (upper-tier): 200 tonnes

H3 - STOT SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE, Qualifying quantity (lower-tier): 50 tonnes / (upper-tier): 200 tonnes

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes  
Methanol

#### REACH, Annex XVII

Methanol is subject to restrictions, UK-REACH annex XVII (entry 69).  
Methanol is subject to UK-REACH restrictions (entry 40).  
Acetic acid is subject to UK-REACH restrictions (entry 40).

#### Additional information

Not applicable.

#### Sources

The Management of Health and Safety at Work Regulations 1999.  
The Health and Safety at Work etc. Act 1974 Regulations 2013.  
Control of Major Accident Hazards (COMAH) Regulations 2015.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.  
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.  
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.  
H226, Flammable liquid and vapour.  
H301, Toxic if swallowed.  
H311, Toxic 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.  
H370, Causes damage to organs.  
H371, May cause damage to organs.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the mixture in regard to physical hazards has been based on experimental data.

#### The safety data sheet is validated by

Christian Andersson

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en