

## Safety Data Sheet acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

### 1 Identification

- **Product identifier**
- **Trade name:** QCO-007-3, PEO-007-3
- **Other means of identification**
- **Application of the substance / the mixture** For Laboratory Use Only
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
NSI Lab Solutions  
7212 ACC Blvd.,  
Raleigh, NC 27617  
USA
- **Information department:** Product safety department
- **Emergency telephone number:** During normal opening times: +1 (919) 789-3000

### \* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable liquids 2

H225 Highly flammable liquid and vapor.



GHS06 Skull and crossbones

Acute toxicity - inhalation 3

H331 Toxic if inhaled.



GHS08 Health hazard

Specific target organ toxicity (single exposure) 1 H370 Causes damage to the central nervous system and the visual organs.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS02



GHS06



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
methanol

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## · Hazard statements

Highly flammable liquid and vapor.

Toxic if inhaled.

Causes damage to the central nervous system and the visual organs.

## · Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Ground / bond container and receiving equipment.

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

Use non-sparking tools.

Take action to prevent static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

If inhaled: Remove person to fresh air and keep comfortable for breathing.

IF exposed or concerned: Call a poison center/doctor.

Specific treatment (see on this label).

In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

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

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

## · Information pertaining to particular dangers for man and environment:

### · Classification system:

### · NFPA ratings (scale 0 - 4)



### · HMIS-ratings (scale 0 - 4)



### · Other hazards

### · Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

### · Classification according to (d)(1)(ii) of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

### · Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

## \* 3 Composition/information on ingredients

### · Chemical characterization: Mixtures

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

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|                                   |                            |           |
|-----------------------------------|----------------------------|-----------|
| · <b>Dangerous components:</b>    |                            |           |
| 67-56-1                           | methanol                   | ≥80–≤100% |
| · <b>Non-hazardous components</b> |                            |           |
| 75-69-4                           | trichlorofluoromethane     | ≥0–<0.1%  |
| 75-34-3                           | 1,1-dichloroethane         | ≥0–≤0.1%  |
| 74-97-5                           | bromochloromethane         | ≥0–≤0.1%  |
| 91-20-3                           | naphthalene                | ≥0–<0.1%  |
| 142-28-9                          | 1,3-dichloropropane        | ≥0–≤0.1%  |
| 10061-01-5                        | (Z)-1,3-dichloropropene    | ≥0–<0.1%  |
| 87-68-3                           | hexachlorobuta-1,3-diene   | ≥0–<0.1%  |
| 103-65-1                          | propylbenzene              | ≥0–<0.1%  |
| 104-51-8                          | butylbenzene               | ≥0–≤0.1%  |
| 87-61-6                           | 1,2,3-trichlorobenzene     | ≥0–≤0.1%  |
| 108-86-1                          | bromobenzene               | ≥0–≤0.1%  |
| 96-18-4                           | 1,2,3-trichloropropane     | ≥0–<0.1%  |
| 98-06-6                           | tert-butylbenzene          | ≥0–≤0.1%  |
| 10061-02-6                        | (E)-1,3-dichloroprop-1-ene | ≥0–<0.1%  |
| 79-34-5                           | 1,1,2,2-tetrachloroethane  | ≥0–<0.1%  |
| 135-98-8                          | sec-butylbenzene           | ≥0–≤0.1%  |
| 594-20-7                          | 2,2-dichloropropane        | ≥0–≤0.1%  |
| 98-82-8                           | Cumene                     | ≥0–<0.1%  |
| 95-63-6                           | 1,2,4-trimethylbenzene     | ≥0–≤0.1%  |
| 95-49-8                           | 2-chlorotoluene            | ≥0–≤0.1%  |
| 74-95-3                           | dibromomethane             | ≥0–≤0.1%  |
| 108-67-8                          | mesitylene                 | ≥0–≤0.1%  |
| 74-83-9                           | bromomethane               | ≥0–≤0.1%  |
| 74-87-3                           | chloromethane              | ≥0–<0.1%  |
| 75-00-3                           | chloroethane               | ≥0–<0.1%  |
| 75-71-8                           | dichlorodifluoromethane    | ≥0–≤0.1%  |
| 99-87-6                           | p-cymene                   | ≥0–≤0.1%  |
| 106-43-4                          | 4-chlorotoluene            | ≥0–≤0.1%  |
| 541-73-1                          | 1,3-dichlorobenzene        | ≥0–≤0.1%  |
| 563-58-6                          | 1,1-dichloropropene        | ≥0–≤0.1%  |
| 1634-04-4                         | tert-butyl methyl ether    | ≥0–≤0.1%  |
| 630-20-6                          | 1,1,1,2-Tetrachloroethane  | ≥0–<0.1%  |

## 4 First-aid measures

### · Description of first aid measures

### · General information:

Immediately remove any clothing soiled by the product.

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

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- **After inhalation:**  
Supply fresh air or oxygen; call for doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

## \* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **Protective Action Criteria for Chemicals**

|                 |                           |                       |
|-----------------|---------------------------|-----------------------|
| · <b>PAC-1:</b> |                           |                       |
| 67-56-1         | methanol                  | 530 ppm               |
| 75-69-4         | trichlorofluoromethane    | 91 ppm                |
| 75-34-3         | 1,1-dichloroethane        | 300 ppm               |
| 74-97-5         | bromochloromethane        | 600 ppm               |
| 91-20-3         | naphthalene               | 15 ppm                |
| 142-28-9        | 1,3-dichloropropane       | 5.4 ppm               |
| 87-68-3         | hexachlorobuta-1,3-diene  | 1.0 ppm               |
| 103-65-1        | propylbenzene             | 3.7 ppm               |
| 104-51-8        | butylbenzene              | 3.6 ppm               |
| 87-61-6         | 1,2,3-trichlorobenzene    | 15 mg/m <sup>3</sup>  |
| 108-86-1        | bromobenzene              | 0.96 ppm              |
| 96-18-4         | 1,2,3-trichloropropane    | 0.015 ppm             |
| 98-06-6         | tert-butylbenzene         | 7.5 mg/m <sup>3</sup> |
| 79-34-5         | 1,1,2,2-tetrachloroethane | 3 ppm                 |
| 135-98-8        | sec-butylbenzene          | 1.2 ppm               |
| 594-20-7        | 2,2-dichloropropane       | 2.6 ppm               |

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|           |                         |                       |
|-----------|-------------------------|-----------------------|
| 98-82-8   | Cumene                  | 50 ppm                |
| 95-63-6   | 1,2,4-trimethylbenzene  | 140 ppm               |
| 95-49-8   | 2-chlorotoluene         | 75 ppm                |
| 74-95-3   | dibromomethane          | 3 ppm                 |
| 108-67-8  | mesitylene              | 140 ppm               |
| 74-83-9   | bromomethane            | 19 ppm                |
| 74-87-3   | chloromethane           | 150 ppm               |
| 75-00-3   | chloroethane            | 300 ppm               |
| 75-71-8   | dichlorodifluoromethane | 3,000 ppm             |
| 99-87-6   | p-cymene                | 120 mg/m <sup>3</sup> |
| 106-43-4  | 4-chlorotoluene         | 1.2 ppm               |
| 541-73-1  | 1,3-dichlorobenzene     | 6 ppm                 |
| 563-58-6  | 1,1-dichloropropene     | 10 mg/m <sup>3</sup>  |
| 1634-04-4 | tert-butyl methyl ether | 50 ppm                |

**PAC-2:**

|          |                           |                         |
|----------|---------------------------|-------------------------|
| 67-56-1  | methanol                  | 2100 ppm                |
| 75-69-4  | trichlorofluoromethane    | 1,000 ppm               |
| 75-34-3  | 1,1-dichloroethane        | 670 ppm                 |
| 74-97-5  | bromochloromethane        | 830 ppm                 |
| 91-20-3  | naphthalene               | 83 ppm                  |
| 142-28-9 | 1,3-dichloropropane       | 270 mg/m <sup>3</sup>   |
| 87-68-3  | hexachlorobuta-1,3-diene  | 3.0 ppm                 |
| 103-65-1 | propylbenzene             | 41 ppm                  |
| 104-51-8 | butylbenzene              | 370 mg/m <sup>3</sup>   |
| 87-61-6  | 1,2,3-trichlorobenzene    | 60 mg/m <sup>3</sup>    |
| 108-86-1 | bromobenzene              | 79 mg/m <sup>3</sup>    |
| 96-18-4  | 1,2,3-trichloropropane    | 170 ppm                 |
| 98-06-6  | tert-butylbenzene         | 83 mg/m <sup>3</sup>    |
| 79-34-5  | 1,1,2,2-tetrachloroethane | 120 ppm                 |
| 135-98-8 | sec-butylbenzene          | 64 mg/m <sup>3</sup>    |
| 594-20-7 | 2,2-dichloropropane       | 29 ppm                  |
| 98-82-8  | Cumene                    | 300 ppm                 |
| 95-63-6  | 1,2,4-trimethylbenzene    | 360 ppm                 |
| 95-49-8  | 2-chlorotoluene           | 310 ppm                 |
| 74-95-3  | dibromomethane            | 230 mg/m <sup>3</sup>   |
| 108-67-8 | mesitylene                | 360 ppm                 |
| 74-83-9  | bromomethane              | 210 ppm                 |
| 74-87-3  | chloromethane             | 910 ppm                 |
| 75-00-3  | chloroethane              | 5100* ppm               |
| 75-71-8  | dichlorodifluoromethane   | 10,000 ppm              |
| 99-87-6  | p-cymene                  | 1,300 mg/m <sup>3</sup> |
| 106-43-4 | 4-chlorotoluene           | 13 ppm                  |
| 541-73-1 | 1,3-dichlorobenzene       | 66 ppm                  |

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|                 |                           |                         |
|-----------------|---------------------------|-------------------------|
| 563-58-6        | 1,1-dichloropropene       | 66 mg/m <sup>3</sup>    |
| 1634-04-4       | tert-butyl methyl ether   | 570 ppm                 |
| <b>· PAC-3:</b> |                           |                         |
| 67-56-1         | methanol                  | 7200 ppm                |
| 75-69-4         | trichlorofluoromethane    | 10,000 ppm              |
| 75-34-3         | 1,1-dichloroethane        | 4,000 ppm               |
| 74-97-5         | bromochloromethane        | 5,000 ppm               |
| 91-20-3         | naphthalene               | 500 ppm                 |
| 142-28-9        | 1,3-dichloropropane       | 1600 mg/m <sup>3</sup>  |
| 87-68-3         | hexachlorobuta-1,3-diene  | 10 ppm                  |
| 103-65-1        | propylbenzene             | 240 ppm                 |
| 104-51-8        | butylbenzene              | 2,200 mg/m <sup>3</sup> |
| 87-61-6         | 1,2,3-trichlorobenzene    | 360 mg/m <sup>3</sup>   |
| 108-86-1        | bromobenzene              | 470 mg/m <sup>3</sup>   |
| 96-18-4         | 1,2,3-trichloropropane    | 1,000 ppm               |
| 98-06-6         | tert-butylbenzene         | 500 mg/m <sup>3</sup>   |
| 79-34-5         | 1,1,2,2-tetrachloroethane | 150 ppm                 |
| 135-98-8        | sec-butylbenzene          | 380 mg/m <sup>3</sup>   |
| 594-20-7        | 2,2-dichloropropane       | 170 ppm                 |
| 98-82-8         | Cumene                    | 730 ppm                 |
| 95-63-6         | 1,2,4-trimethylbenzene    | 470 ppm                 |
| 95-49-8         | 2-chlorotoluene           | 1,800 ppm               |
| 74-95-3         | dibromomethane            | 1400 mg/m <sup>3</sup>  |
| 108-67-8        | mesitylene                | 470 ppm                 |
| 74-83-9         | bromomethane              | 740 ppm                 |
| 74-87-3         | chloromethane             | 3000 ppm                |
| 75-00-3         | chloroethane              | 20000** ppm             |
| 75-71-8         | dichlorodifluoromethane   | 50,000 ppm              |
| 99-87-6         | p-cymene                  | 1,900 mg/m <sup>3</sup> |
| 106-43-4        | 4-chlorotoluene           | 80 ppm                  |
| 541-73-1        | 1,3-dichlorobenzene       | 400 ppm                 |
| 563-58-6        | 1,1-dichloropropene       | 400 mg/m <sup>3</sup>   |
| 1634-04-4       | tert-butyl methyl ether   | 5300 ppm                |

**· 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.

## 7 Handling and storage

**· Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

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- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

## \* 8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

### 67-56-1 methanol

|     |                                                   |
|-----|---------------------------------------------------|
| PEL | Long-term value: 260 mg/m <sup>3</sup> , 200 ppm  |
| REL | Short-term value: 325 mg/m <sup>3</sup> , 250 ppm |
|     | Long-term value: 260 mg/m <sup>3</sup> , 200 ppm  |
|     | Skin                                              |
| TLV | Short-term value: 328 mg/m <sup>3</sup> , 250 ppm |
|     | Long-term value: 262 mg/m <sup>3</sup> , 200 ppm  |
|     | Skin; BEI                                         |

- **Ingredients with biological limit values:**

### 67-56-1 methanol

|     |                                               |
|-----|-----------------------------------------------|
| BEI | 15 mg/L                                       |
|     | Medium: urine                                 |
|     | Time: end of shift                            |
|     | Parameter: Methanol (background, nonspecific) |

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **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.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

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

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

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

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

## \* 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

|                                                   |                                          |
|---------------------------------------------------|------------------------------------------|
| · <b>Physical state</b>                           | Liquid                                   |
| · <b>Color:</b>                                   | Colorless                                |
| · <b>Odor:</b>                                    | Alcohol-like                             |
| · <b>Odor threshold:</b>                          | Not determined.                          |
| · <b>Melting point/Melting range:</b>             | -98 °C (-144.4 °F)                       |
| · <b>Boiling point/Boiling range:</b>             | 64.7 °C (148.5 °F)                       |
| · <b>Flammability:</b>                            | Highly flammable.                        |
| · <b>Explosion limits:</b>                        |                                          |
| · <b>Lower:</b>                                   | 5.5 Vol %                                |
| · <b>Upper:</b>                                   | 44 Vol %                                 |
| · <b>Flash point:</b>                             | 11 °C (51.8 °F)                          |
| · <b>Auto igniting:</b>                           | 455 °C (851 °F)                          |
| · <b>Decomposition temperature:</b>               | Not determined.                          |
| · <b>pH-value:</b>                                | Not determined.                          |
| · <b>Viscosity:</b>                               |                                          |
| · <b>Kinematic:</b>                               | Not determined.                          |
| · <b>Dynamic:</b>                                 | Not determined.                          |
| · <b>Solubility in / Miscibility with</b>         |                                          |
| · <b>Water:</b>                                   | Fully miscible.                          |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                          |
| · <b>Vapor pressure at 20 °C (68 °F):</b>         | 128 hPa (96 mm Hg)                       |
| · <b>Vapor pressure:</b>                          |                                          |
| · <b>Density at 20 °C (68 °F):</b>                | 0.79 g/cm <sup>3</sup> (6.59255 lbs/gal) |
| · <b>Relative density</b>                         | Not determined.                          |
| · <b>Vapor density</b>                            | Not determined.                          |
| · <b>Particle characteristics</b>                 | Not applicable.                          |

· **Other information**

· **Appearance:**

· **Form:** Fluid

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|                                                                                        |                                                                                            |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| · <b>Important information on protection of health and environment, and on safety.</b> |                                                                                            |
| · <b>Ignition temperature:</b>                                                         | Product is not selfigniting.                                                               |
| · <b>Danger of explosion:</b>                                                          | Product is not explosive. However, formation of explosive air/vapor mixtures are possible. |
| · <b>Solvent content:</b>                                                              |                                                                                            |
| · <b>Organic solvents:</b>                                                             | 99–100 %                                                                                   |
| · <b>VOC content:</b>                                                                  | 99–99.98 %                                                                                 |
|                                                                                        | 999.8 g/l / 8.34 lb/gal                                                                    |
| · <b>Solids content:</b>                                                               | 0 %                                                                                        |
| · <b>Change in condition</b>                                                           |                                                                                            |
| · <b>Evaporation rate</b>                                                              | Not determined.                                                                            |

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## \*11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

|                                                               |          |             |
|---------------------------------------------------------------|----------|-------------|
| · <b>LD/LC50 values that are relevant for classification:</b> |          |             |
| <b>ATE (Acute Toxicity Estimate)</b>                          |          |             |
| Inhalative                                                    | LC50/4 h | 3–3.03 mg/l |

|                         |      |                       |
|-------------------------|------|-----------------------|
| <b>67-56-1 methanol</b> |      |                       |
| Oral                    | LD50 | 5,628 mg/kg (rat)     |
| Dermal                  | LD50 | 15,800 mg/kg (rabbit) |

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Toxic
- **Interactive effects** No interactive effects between components are known.

- **Carcinogenic categories**

|                                                             |                           |    |
|-------------------------------------------------------------|---------------------------|----|
| · <b>IARC (International Agency for Research on Cancer)</b> |                           |    |
| 91-20-3                                                     | naphthalene               | 2B |
| 87-68-3                                                     | hexachlorobuta-1,3-diene  | 3  |
| 96-18-4                                                     | 1,2,3-trichloropropane    | 2A |
| 79-34-5                                                     | 1,1,2,2-tetrachloroethane | 2B |

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|           |                           |    |
|-----------|---------------------------|----|
| 98-82-8   | Cumene                    | 2B |
| 74-83-9   | bromomethane              | 3  |
| 74-87-3   | chloromethane             | 3  |
| 75-00-3   | chloroethane              | 3  |
| 541-73-1  | 1,3-dichlorobenzene       | 3  |
| 1634-04-4 | tert-butyl methyl ether   | 3  |
| 630-20-6  | 1,1,1,2-Tetrachloroethane | 2B |

· **NTP (National Toxicology Program)**

|         |                        |   |
|---------|------------------------|---|
| 91-20-3 | naphthalene            | R |
| 96-18-4 | 1,2,3-trichloropropane | R |
| 98-82-8 | Cumene                 | R |

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Alternative sources for toxicological information** No non-standard sources for toxicological information where used.

## 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
  - **Persistence and degradability** No further relevant information available.
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
  - **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
  - **Other adverse effects**
  - **Additional ecological information:**
  - **General notes:**
- Water hazard class 2 (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

## 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:**
- Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.
  - **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- **UN-Number**
  - **DOT, IMDG, IATA**
- UN1992

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|                                                                                                                                                                                                                        |                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>· <b>UN proper shipping name</b></li> <li>· <b>DOT</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>                                                                 | Flammable liquids, toxic, n.o.s. (Methanol)<br>FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL)<br>Flammable liquid, toxic, n.o.s. (METHANOL) |
| <ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>                           |                                                                                                                                         |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>                                                                                                                               | 3 Flammable liquids<br>3, 6.1                                                                                                           |
| <ul style="list-style-type: none"> <li>· <b>IMDG</b></li> </ul>                                                                       |                                                                                                                                         |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>                                                                                                                               | 3 Flammable liquids<br>3/6.1                                                                                                            |
| <ul style="list-style-type: none"> <li>· <b>IATA</b></li> </ul>                                                                      |                                                                                                                                         |
| <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>                                                                                                                               | 3 Flammable liquids<br>3 (6.1)                                                                                                          |
| <ul style="list-style-type: none"> <li>· <b>Packing group</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>                                                                                                             | II                                                                                                                                      |
| <ul style="list-style-type: none"> <li>· <b>Environmental hazards:</b></li> </ul>                                                                                                                                      | Not applicable.                                                                                                                         |
| <ul style="list-style-type: none"> <li>· <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b></li> </ul>                                                                                    | Not applicable.                                                                                                                         |
| <ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> <li>· <b>DOT</b></li> <li>· <b>Quantity limitations</b></li> </ul>                                                              | On passenger aircraft/rail: 1 L<br>On cargo aircraft only: 60 L                                                                         |
| <ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>                                                                   | 1L<br>Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml                   |
| <ul style="list-style-type: none"> <li>· <b>Special precautions for user</b></li> <li>· <b>Hazard identification number (Kemler code):</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Category</b></li> </ul> | Warning: Flammable liquids<br>336<br>F-E,S-D<br>B                                                                                       |

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|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| · <b>Stowage Code</b>           | SW2 Clear of living quarters.                                   |
| · <b>UN "Model Regulation":</b> | UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL), 3 (6.1), II |

### \*15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.
- **Sara**

|                                                          |                            |        |
|----------------------------------------------------------|----------------------------|--------|
| · <b>Section 355 (extremely hazardous substances):</b>   |                            |        |
| 75-34-3                                                  | 1,1-dichloroethane         |        |
| 74-83-9                                                  | bromomethane               |        |
| · <b>Section 313 (Specific toxic chemical listings):</b> |                            |        |
| 67-56-1                                                  | methanol                   |        |
| 75-69-4                                                  | trichlorofluoromethane     |        |
| 75-34-3                                                  | 1,1-dichloroethane         |        |
| 91-20-3                                                  | naphthalene                |        |
| 87-68-3                                                  | hexachlorobuta-1,3-diene   |        |
| 87-61-6                                                  | 1,2,3-trichlorobenzene     |        |
| 96-18-4                                                  | 1,2,3-trichloropropane     |        |
| 10061-02-6                                               | (E)-1,3-dichloroprop-1-ene |        |
| 79-34-5                                                  | 1,1,2,2-tetrachloroethane  |        |
| 98-82-8                                                  | Cumene                     |        |
| 95-63-6                                                  | 1,2,4-trimethylbenzene     |        |
| 74-95-3                                                  | dibromomethane             |        |
| 74-83-9                                                  | bromomethane               |        |
| 74-87-3                                                  | chloromethane              |        |
| 75-00-3                                                  | chloroethane               |        |
| 75-71-8                                                  | dichlorodifluoromethane    |        |
| 541-73-1                                                 | 1,3-dichlorobenzene        |        |
| 1634-04-4                                                | tert-butyl methyl ether    |        |
| 630-20-6                                                 | 1,1,1,2-Tetrachloroethane  |        |
| · <b>TSCA (Toxic Substances Control Act):</b>            |                            |        |
| 67-56-1                                                  | methanol                   | ACTIVE |
| 75-69-4                                                  | trichlorofluoromethane     | ACTIVE |
| 75-34-3                                                  | 1,1-dichloroethane         | ACTIVE |
| 74-97-5                                                  | bromochloromethane         | ACTIVE |
| 91-20-3                                                  | naphthalene                | ACTIVE |
| 142-28-9                                                 | 1,3-dichloropropane        | ACTIVE |
| 87-68-3                                                  | hexachlorobuta-1,3-diene   | ACTIVE |
| 103-65-1                                                 | propylbenzene              | ACTIVE |
| 104-51-8                                                 | butylbenzene               | ACTIVE |
| 87-61-6                                                  | 1,2,3-trichlorobenzene     | ACTIVE |

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|            |                            |        |
|------------|----------------------------|--------|
| 108-86-1   | bromobenzene               | ACTIVE |
| 96-18-4    | 1,2,3-trichloropropane     | ACTIVE |
| 98-06-6    | tert-butylbenzene          | ACTIVE |
| 10061-02-6 | (E)-1,3-dichloroprop-1-ene | ACTIVE |
| 79-34-5    | 1,1,2,2-tetrachloroethane  | ACTIVE |
| 135-98-8   | sec-butylbenzene           | ACTIVE |
| 594-20-7   | 2,2-dichloropropane        | ACTIVE |
| 98-82-8    | Cumene                     | ACTIVE |
| 95-63-6    | 1,2,4-trimethylbenzene     | ACTIVE |
| 95-49-8    | 2-chlorotoluene            | ACTIVE |
| 74-95-3    | dibromomethane             | ACTIVE |
| 108-67-8   | mesitylene                 | ACTIVE |
| 74-83-9    | bromomethane               | ACTIVE |
| 74-87-3    | chloromethane              | ACTIVE |
| 75-00-3    | chloroethane               | ACTIVE |
| 75-71-8    | dichlorodifluoromethane    | ACTIVE |
| 99-87-6    | p-cymene                   | ACTIVE |
| 106-43-4   | 4-chlorotoluene            | ACTIVE |
| 541-73-1   | 1,3-dichlorobenzene        | ACTIVE |
| 1634-04-4  | tert-butyl methyl ether    | ACTIVE |

**· Hazardous Air Pollutants**

|           |                           |
|-----------|---------------------------|
| 67-56-1   | methanol                  |
| 75-34-3   | 1,1-dichloroethane        |
| 91-20-3   | naphthalene               |
| 87-68-3   | hexachlorobuta-1,3-diene  |
| 79-34-5   | 1,1,2,2-tetrachloroethane |
| 98-82-8   | Cumene                    |
| 74-83-9   | bromomethane              |
| 74-87-3   | chloromethane             |
| 75-00-3   | chloroethane              |
| 1634-04-4 | tert-butyl methyl ether   |

**· Proposition 65****· Chemicals known to cause cancer:**

|          |                           |
|----------|---------------------------|
| 75-34-3  | 1,1-dichloroethane        |
| 91-20-3  | naphthalene               |
| 87-68-3  | hexachlorobuta-1,3-diene  |
| 96-18-4  | 1,2,3-trichloropropane    |
| 79-34-5  | 1,1,2,2-tetrachloroethane |
| 98-82-8  | Cumene                    |
| 75-00-3  | chloroethane              |
| 630-20-6 | 1,1,1,2-Tetrachloroethane |

**· Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

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|                                                                           |                           |        |
|---------------------------------------------------------------------------|---------------------------|--------|
| · <b>Chemicals known to cause reproductive toxicity for males:</b>        |                           |        |
| 74-87-3                                                                   | chloromethane             |        |
| · <b>Chemicals known to cause developmental toxicity:</b>                 |                           |        |
| 67-56-1                                                                   | methanol                  |        |
| 74-83-9                                                                   | bromomethane              |        |
| 74-87-3                                                                   | chloromethane             |        |
| · <b>Carcinogenic categories</b>                                          |                           |        |
| · <b>EPA (Environmental Protection Agency)</b>                            |                           |        |
| 75-34-3                                                                   | 1,1-dichloroethane        | C      |
| 74-97-5                                                                   | bromochloromethane        | D      |
| 91-20-3                                                                   | naphthalene               | C, CBD |
| 87-68-3                                                                   | hexachlorobuta-1,3-diene  | C      |
| 108-86-1                                                                  | bromobenzene              | II     |
| 96-18-4                                                                   | 1,2,3-trichloropropane    | L      |
| 79-34-5                                                                   | 1,1,2,2-tetrachloroethane | L      |
| 98-82-8                                                                   | Cumene                    | D, CBD |
| 95-63-6                                                                   | 1,2,4-trimethylbenzene    | II     |
| 108-67-8                                                                  | mesitylene                | II     |
| 74-83-9                                                                   | bromomethane              | D      |
| 74-87-3                                                                   | chloromethane             | D, CBD |
| 541-73-1                                                                  | 1,3-dichlorobenzene       | D      |
| 630-20-6                                                                  | 1,1,1,2-Tetrachloroethane | C      |
| · <b>TLV (Threshold Limit Value)</b>                                      |                           |        |
| 75-69-4                                                                   | trichlorofluoromethane    | A4     |
| 75-34-3                                                                   | 1,1-dichloroethane        | A4     |
| 91-20-3                                                                   | naphthalene               | A4     |
| 87-68-3                                                                   | hexachlorobuta-1,3-diene  | A3     |
| 96-18-4                                                                   | 1,2,3-trichloropropane    | A3     |
| 79-34-5                                                                   | 1,1,2,2-tetrachloroethane | A3     |
| 74-83-9                                                                   | bromomethane              | A4     |
| 74-87-3                                                                   | chloromethane             | A4     |
| 75-00-3                                                                   | chloroethane              | A3     |
| 75-71-8                                                                   | dichlorodifluoromethane   | A4     |
| 1634-04-4                                                                 | tert-butyl methyl ether   | A3     |
| · <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b> |                           |        |
| 87-68-3                                                                   | hexachlorobuta-1,3-diene  |        |
| 96-18-4                                                                   | 1,2,3-trichloropropane    |        |
| 79-34-5                                                                   | 1,1,2,2-tetrachloroethane |        |
| 74-83-9                                                                   | bromomethane              |        |
| 74-87-3                                                                   | chloromethane             |        |

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

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## Hazard pictograms



GHS02 GHS06 GHS08

## Signal word Danger

### Hazard-determining components of labeling:

methanol

### Hazard statements

Highly flammable liquid and vapor.

Toxic if inhaled.

Causes damage to the central nervous system and the visual organs.

### Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Ground / bond container and receiving equipment.

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

Use non-sparking tools.

Take action to prevent static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If exposed or concerned: Call a poison center/doctor.

Specific treatment (see on this label).

In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

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

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16 Other information

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

### Department issuing SDS: Environment protection department.

### Contact: - Department Technical Manager

### Date of previous version 04/03/2024

### Date of preparation 06/30/2026

### 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

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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*VOC: Volatile Organic Compounds (USA, EU)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**NIOSH: National Institute for Occupational Safety**OSHA: Occupational Safety & Health**TLV: Threshold Limit Value**PEL: Permissible Exposure Limit**REL: Recommended Exposure Limit**BEI: Biological Exposure Limit**Flammable liquids 2: Flammable liquids – Category 2**Acute toxicity - inhalation 3: Acute toxicity – Category 3**Specific target organ toxicity (single exposure) 1: Specific target organ toxicity (single exposure) – Category 1**\* Data compared to the previous version altered.*

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US

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