Safety Data Sheet
acc. to OSHA HCS

Printing date 04/03/2024 Reviewed on 04/03/2024

1 Identification

· **Product identifier**

· **Trade name: QCO-007-3**
· **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
· **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/sparks/open flames/hot surfaces. - No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.

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Take precautionary measures against 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.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF exposed: Call a POISON CENTER or doctor/physician.
Specific treatment (see on this label).
In case of fire: Use CO2, 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.

· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

Health = 1
Fire = 3
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

*Health = *1*
Fire = 3
Reactivity = 0

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** *Not applicable.*
· **vPvB:** *Not applicable.*

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**		
67-56-1	methanol	99–100%

· **Non-hazardous components**		
75-69-4	trichlorofluoromethane	0.001–0.0025%
75-34-3	1,1-dichloroethane	0.0013–0.0021%
74-97-5	bromochloromethane	0.0012–0.002%
91-20-3	naphthalene	0.001–0.002%
142-28-9	1,3-dichloropropane	0.0012–0.0019%
10061-01-5	(Z)-1,3-dichloropropene	0.0012–0.0019%
87-68-3	hexachlorobuta-1,3-diene	0.0011–0.0018%
103-65-1	propylbenzene	0.0011–0.0018%
104-51-8	butylbenzene	0.0011–0.0017%
87-61-6	1,2,3-trichlorobenzene	0.0009–0.0014%

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108-86-1	bromobenzene	0.0008–0.0014%
96-18-4	1,2,3-trichloropropane	0.0005–0.0014%
98-06-6	tert-butylbenzene	0.0008–0.0013%
10061-02-6	(E)-1,3-dichloroprop-1-ene	0.0008–0.0013%
79-34-5	1,1,2,2-tetrachloroethane	0.0008–0.0012%
135-98-8	sec-butylbenzene	0.0005–0.0012%
594-20-7	2,2-dichloropropane	0.0004–0.0011%
98-82-8	Cumene	0.0004–0.001%
95-63-6	1,2,4-trimethylbenzene	0.0003–0.0007%
95-49-8	2-chlorotoluene	0.0002–0.0005%
74-95-3	dibromomethane	0.0001–0.0005%
108-67-8	mesitylene	0.0001–0.0005%
74-83-9	bromomethane	0–0.0003%
74-87-3	chloromethane	0–0.0003%
75-00-3	chloroethane	0–0.0003%
75-71-8	dichlorodifluoromethane	0–0.0003%
99-87-6	p-cymene	0–0.0002%
106-43-4	4-chlorotoluene	0–0.0002%
541-73-1	1,3-dichlorobenzene	0–0.0002%
563-58-6	1,1-dichloropropene	0–0.0002%
1634-04-4	tert-butyl methyl ether	0–0.0002%
630-20-6	1,1,1,2-Tetrachloroethane	0–0.0001%

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.
· **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.
· **Information for 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:**
CO2, 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.

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· **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 item 13.
Ensure adequate ventilation.
· **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.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
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 ppm
103-65-1	propylbenzene	3.7 ppm
104-51-8	butylbenzene	3.6 ppm
87-61-6	1,2,3-trichlorobenzene	15 mg/m³
108-86-1	bromobenzene	0.96 ppm
96-18-4	1,2,3-trichloropropane	0.015 ppm
98-06-6	tert-butylbenzene	1.7 ppm
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
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

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99-87-6	p-cymene	120 mg/m³
106-43-4	4-chlorotoluene	1.2 ppm
541-73-1	1,3-dichlorobenzene	6 ppm
563-58-6	1,1-dichloropropene	1.3 ppm
1634-04-4	tert-butyl methyl ether	50 ppm

· **PAC-2:**

67-56-1	methanol	2,100 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	59 ppm
87-68-3	hexachlorobuta-1,3-diene	3 ppm
103-65-1	propylbenzene	41 ppm
104-51-8	butylbenzene	40 ppm
87-61-6	1,2,3-trichlorobenzene	60 mg/m³
108-86-1	bromobenzene	11 ppm
96-18-4	1,2,3-trichloropropane	170 ppm
98-06-6	tert-butylbenzene	18 ppm
79-34-5	1,1,2,2-tetrachloroethane	120 ppm
135-98-8	sec-butylbenzene	13 ppm
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	33 ppm
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/m³
106-43-4	4-chlorotoluene	13 ppm
541-73-1	1,3-dichlorobenzene	66 ppm
563-58-6	1,1-dichloropropene	15 ppm
1634-04-4	tert-butyl methyl ether	570 ppm

· **PAC-3:**

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	350 ppm

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87-68-3	hexachlorobuta-1,3-diene	10 ppm
103-65-1	propylbenzene	240 ppm
104-51-8	butylbenzene	240 ppm
87-61-6	1,2,3-trichlorobenzene	360 mg/m³
108-86-1	bromobenzene	240 ppm
96-18-4	1,2,3-trichloropropane	1,000 ppm
98-06-6	tert-butylbenzene	110 ppm
79-34-5	1,1,2,2-tetrachloroethane	150 ppm
135-98-8	sec-butylbenzene	81 ppm
594-20-7	2,2-dichloropropane	170 ppm
98-82-8	Cumene	730 ppm
95-63-6	1,2,4-trimethylbenzene	480 ppm
95-49-8	2-chlorotoluene	1,800 ppm
74-95-3	dibromomethane	200 ppm
108-67-8	mesitylene	480 ppm
74-83-9	bromomethane	740 ppm
74-87-3	chloromethane	3,000 ppm
75-00-3	chloroethane	20000** ppm
75-71-8	dichlorodifluoromethane	50,000 ppm
99-87-6	p-cymene	1,900 mg/m³
106-43-4	4-chlorotoluene	80 ppm
541-73-1	1,3-dichlorobenzene	400 ppm
563-58-6	1,1-dichloropropene	87 ppm
1634-04-4	tert-butyl methyl ether	5300* ppm

7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
· **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.

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8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
67-56-1 methanol	
PEL	Long-term value: 260 mg/m³, 200 ppm
REL	Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm Skin
TLV	Short-term value: 250 ppm Long-term value: 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**
· **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.
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.

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· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Color:	Colorless
· **Odor:**	Alcohol-like
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	-98 °C (-144.4 °F)
Boiling point/Boiling range:	64.7 °C (148.5 °F)
· **Flash point:**	11 °C (51.8 °F)
· **Flammability (solid, gaseous):**	Highly flammable.
· **Ignition temperature:**	455 °C (851 °F)
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not selfigniting.
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· **Explosion limits:**	
Lower:	5.5 Vol %
Upper:	44 Vol %
· **Vapor pressure at 20 °C (68 °F):**	128 hPa (96 mm Hg)
· **Density at 20 °C (68 °F):**	0.79 g/cm³ (6.59255 lbs/gal)
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Fully miscible.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	99–100 %
VOC content:	99–99.98 % 999.8 g/l / 8.34 lb/gal

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Solids content:	0 %
· **Other information**	No further relevant information available.

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:**

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

67-56-1 methanol		
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

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
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
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

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· **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.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **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.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

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
· **UN proper shipping name**	
· **DOT**	Flammable liquids, toxic, n.o.s. (Methanol)
· **IMDG**	FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL)
· **IATA**	Flammable liquid, toxic, n.o.s. (METHANOL)

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· **Transport hazard class(es)**

· **DOT**

· **Class**	3 Flammable liquids
· **Label**	3, 6.1

· **IMDG**

· **Class**	3 Flammable liquids
· **Label**	3/6.1

· **IATA**

· **Class**	3 Flammable liquids
· **Label**	3 (6.1)
· **Packing group**	
· **DOT, IMDG, IATA**	II
· **Environmental hazards:**	Not applicable.
· **Special precautions for user**	Warning: Flammable liquids
· **Hazard identification number (Kemler code):**	336
· **EMS Number:**	F-E,S-D
· **Stowage Category**	B
· **Stowage Code**	SW2 Clear of living quarters.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **DOT**	
· **Quantity limitations**	On passenger aircraft/rail: 1 L On cargo aircraft only: 60 L
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL), 3 (6.1), II

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15 Regulatory information

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

· **Section 355 (extremely hazardous substances):**	
75-34-3	1,1-dichloroethane
74-83-9	bromomethane

· **Section 313 (Specific toxic chemical listings):**	
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
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

· **TSCA (Toxic Substances Control Act):**		
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
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

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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.

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

74-87-3	chloromethane

· **Chemicals known to cause developmental toxicity:**

67-56-1	methanol
74-83-9	bromomethane

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Trade name: QCO-007-3

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74-87-3	chloromethane

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**		
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

· **TLV (Threshold Limit Value)**		
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

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**	
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).
· **Hazard pictograms**

GHS02 GHS06 GHS08

· **Signal word** Danger

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· **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/sparks/open flames/hot surfaces. - No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against 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.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF exposed: Call a POISON CENTER or doctor/physician.
Specific treatment (see on this label).
In case of fire: Use CO2, 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 preparation / last revision** 04/03/2024
· **Abbreviations and acronyms:**
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)
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