SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 as amended by Commission Regulation (EU) 2020/878 and Regulation (EC) No. 1272/2008

Issuing Date 02-Dec-2022 **Revision Date** 02-Dec-2022 **Revision Number** 1

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

1.1. Product identifier

Product Name DRYENE II

Synonyms None

Pure substance/mixture Mixture

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

Recommended use Embalming chemical

Uses advised against Use only for intended applications

1.3. Details of the supplier of the safety data sheet

Manufacturer
The MazWell Group Ltd.
Units 11/14-15 Ardglen Industrial Estate,
Whitchurch, Hampshire,
RG28 7BB, United Kingdom
+44 (0)1256-893883
+44 (0)1256-893868
enquiries@themazwellgroup.com

Supplier
Medenta GmbH
Huckrieden Esch 9,
49549 Ladbergen.
Germany
(05485) 2020
info@medenta.de

For further information, please contact
E-mail address enquiries@themazwellgroup.com

1.4. Emergency telephone number

Emergency telephone No information available

Emergency telephone - §45 - (EC)1272/2008	
Europe	**112**
France	Numéro ORFILA (INRS) : + 33 (0)1 45 42 59 59
Germany	Poison Control Center - Charité - Universitätsmedizin Berlin Tel (+49) 30 30686700
Italy	06 68593726 (Roma - CAV "Osp. Pediatric Bambino Gesù" Dip. Emergency and DEA Acceptance) 800183459 (Foggia - Centro antiveleni , Az. Osp. Univ. Foggia)

	081-5453333 (Napoli - Centro antiveleni, Az. Osp. "A. Cardarelli") 06-49978000 (Roma - CAV Policlinico "Umberto I") 06-3054343 (Roma - CAV Policlinico "A. Gemelli") 055-7947819 (Firenze - Centro antiveleni , Az. Osp. "Careggi" U.O. Tossicologia Medica) 0382-24444 (Pavia - Centro antiveleni, Centro Nazionale di Informazione Tossicologica) 02-66101029 (Milano - Centro antiveleni, Osp. Niguarda Ca' Granda) 800883300 (Bergamo - Centro antiveleni, Azienda Ospedaliera Papa Giovanni XXII) 800011858 (Verona - Centro antiveleni, Azienda Ospedaliera Integrata Verona)
Netherlands	+31(0)302748888
Romania	+40 (0)21 318 36 06
Spain	+34 91 562 04 20

SECTION 2: Hazards identification

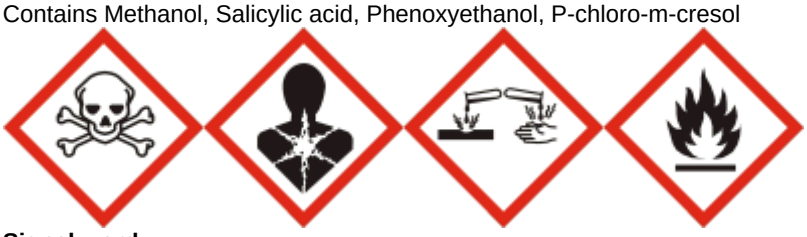
2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flammable liquids	Category 3 - (H226)
Acute toxicity - Oral	Category 3 - (H301)
Acute toxicity - Dermal	Category 3 - (H311)
Acute toxicity - Inhalation (Dusts/Mists)	Category 3 - (H331)
Serious eye damage/eye irritation	Category 1 - (H318)
Reproductive toxicity	Category 2 - (H361)
Specific target organ toxicity — single exposure	Category 1 - (H370)

2.2. Label elements

Contains Methanol, Salicylic acid, Phenoxyethanol, P-chloro-m-cresol



Signal word
Danger

Hazard statements
H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H318 - Causes serious eye damage
H331 - Toxic if inhaled
H361d - Suspected of damaging the unborn child
H370 - Causes damage to organs
H226 - Flammable liquid and vapour

Precautionary Statements - EU (§28, 1272/2008)
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor
P370 + P378 - In case of fire: Use dry chemical, CO2, water spray or alcohol-resistant foam to extinguish
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Unknown aquatic toxicity Contains 0.54738 % of components with unknown hazards to the aquatic environment.

Additional information
This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if

supplied to the general public.

2.3. Other hazards
No information available.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Methanol 67-56-1	50 - 100	01-2119433307-44-XXX	200-659-6	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT SE 1 (H370) Flam. Liq. 2 (H225)	STOT SE 1 :: C>=10% STOT SE 2 :: 3%<=C<10%	-	-
Salicylic acid 69-72-7	10 - < 25	No data available	200-712-3	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Repr. 2 (H361d)	-	-	-
Phenoxyethanol 122-99-6	5 - < 10	No data available	(603-098-00-9) 204-589-7	Acute Tox. 4 (H302) Eye Dam. 1 (H318) STOT SE 3 (H335)	-	-	-
Oxalic acid 144-62-7	< 1	No data available	(607-006-00-8) 205-634-3	Acute Tox. 4 (H302) Acute Tox. 4 (H312)	-	-	-
Isopropyl alcohol 67-63-0	< 1	No data available	200-661-7	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225)	-	-	-
Dimethyl sulfoxide 67-68-5	< 1	No data available	200-664-3	Not Classified	-	-	-
Acetone 67-64-1	< 1	No data available	(606-001-00-8) 200-662-2	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2	-	-	-

				(H225) (EUH066)			
P-chloro-m-cresol 59-50-7	< 1	No data available	(604-014-00-3) 200-431-6	Acute Tox. 4 (H302) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)	-	1	1
Benzaldehyde 100-52-7	< 1	No data available	(605-012-00-5) 202-860-4	Acute Tox. 4 (H302)	-	-	-
Ethyl alcohol 64-17-5	< 0.1	No data available	(603-002-00-5) 200-578-6	Flam. Liq. 2 (H225)	-	-	-

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate
If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Methanol 67-56-1	100	300	0.501	41.6976	No data available
Salicylic acid 69-72-7	891	2002	0.2252	No data available	No data available
Phenoxyethanol 122-99-6	1394 + 1850	5550	0.1141	No data available	No data available
Oxalic acid 144-62-7	375	20000	No data available	No data available	No data available
Isopropyl alcohol 67-63-0	1870	4059	No data available	30.1002	No data available
Dimethyl sulfoxide 67-68-5	28300	40000	No data available	No data available	No data available
Acetone 67-64-1	5800	15715.7	100.2	No data available	No data available
P-chloro-m-cresol 59-50-7	500	2002	2.8739	No data available	No data available
Benzaldehyde 100-52-7	1292	1251.25	No data available	No data available	No data available
Ethyl alcohol 64-17-5	7060	No data available	116.9 133.8	No data available	No data available

+ This value is the harmonised acute toxicity estimate (ATE) listed in CLP Annex VI, Part 3. This harmonised ATE value must be used when calculating the acute toxicity estimate (ATEmix) for classifying a mixture containing the listed substance

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention. If breathing has stopped, give artificial respiration. Get medical attention immediately. Immediate medical attention is required. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Get immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical attention.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do not breathe vapour or mist.

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

Symptoms Burning sensation. Coughing and/ or wheezing. Difficulty in breathing. Prolonged contact may cause redness and irritation.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3. Advice for firefighters

Specific/special fire-fighting measures Fires need to be assessed to determine appropriate protocols and safety measures for firefighting, including establishing safe zones, extinguishing media to be used, firefighter protection, and actions to control or extinguish the fire.

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not breathe vapour or mist.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information See section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Do not breathe vapour or mist. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Do not breathe vapour or mist.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat,

sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Keep out of the reach of children. Store locked up.

Storage class (TRGS 510) LGK 3.

7.3. Specific end use(s)

Specific use(s) No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Methanol 67-56-1	TWA: 200 ppm TWA: 260 mg/m³ *	TWA: 200 ppm TWA: 260 mg/m³ STEL 800 ppm STEL 1040 mg/m³ H*	TWA: 200 ppm TWA: 266 mg/m³ STEL: 250 ppm STEL: 333 mg/m³ D*	TWA: 200 ppm TWA: 260.0 mg/m³ K*	TWA: 200 ppm TWA: 260 mg/m³ *
Phenoxyethanol 122-99-6	-	TWA: 20 ppm TWA: 110 mg/m³ STEL 20 ppm STEL 110 mg/m³ Ceiling: 20 ppm Ceiling: 110 mg/m³	-	-	-
Oxalic acid 144-62-7	TWA: 1 mg/m³	TWA: 1 mg/m³ H*	TWA: 1 mg/m³ STEL: 2 mg/m³	TWA: 1.0 mg/m³	TWA: 1 mg/m³
Isopropyl alcohol 67-63-0	-	TWA: 200 ppm TWA: 500 mg/m³ STEL 800 ppm STEL 2000 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ STEL: 400 ppm STEL: 1000 mg/m³	STEL: 1225.0 mg/m³ TWA: 980.0 mg/m³	TWA: 400 ppm TWA: 999 mg/m³ STEL: 500 ppm STEL: 1250 mg/m³
Dimethyl sulfoxide 67-68-5	-	TWA: 50 ppm TWA: 160 mg/m³ H*	-	-	-
Acetone 67-64-1	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³ STEL 2000 ppm STEL 4800 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1000 ppm STEL: 2420 mg/m³	STEL: 1400 mg/m³ TWA: 600 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³
Benzaldehyde 100-52-7	-	-	-	TWA: 5.0 mg/m³	-
Ethyl alcohol 64-17-5	-	TWA: 1000 ppm TWA: 1900 mg/m³ STEL 2000 ppm STEL 3800 mg/m³	TWA: 1000 ppm TWA: 1907 mg/m³	TWA: 1000 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Methanol 67-56-1	* TWA: 200 ppm TWA: 260 mg/m³	TWA: 250 mg/m³ Ceiling: 1000 mg/m³ D*	TWA: 200 ppm TWA: 260 mg/m³ H*	TWA: 200 ppm TWA: 250 mg/m³ STEL: 250 ppm STEL: 350 mg/m³ A*	TWA: 200 ppm TWA: 270 mg/m³ STEL: 250 ppm STEL: 330 mg/m³ iho*
Phenoxyethanol 122-99-6	-	-	-	-	TWA: 20 ppm TWA: 110 mg/m³ STEL: 50 ppm STEL: 290 mg/m³ iho*
Oxalic acid	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³

144-62-7		Ceiling: 5 mg/m³ D*		STEL: 2 mg/m³	STEL: 3 mg/m³ iho*
Isopropyl alcohol 67-63-0	-	TWA: 500 mg/m³ Ceiling: 1000 mg/m³ D*	TWA: 200 ppm TWA: 490 mg/m³	TWA: 150 ppm TWA: 350 mg/m³ STEL: 250 ppm STEL: 600 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ STEL: 250 ppm STEL: 620 mg/m³
Dimethyl sulfoxide 67-68-5	-	-	TWA: 50 ppm TWA: 160 mg/m³	TWA: 50 ppm TWA: 150 mg/m³ STEL: 150 ppm STEL: 500 mg/m³ A*	TWA: 50 ppm iho*
Acetone 67-64-1	* TWA: 500 ppm TWA: 1210 mg/m³	TWA: 800 mg/m³ Ceiling: 1500 mg/m³	TWA: 250 ppm TWA: 600 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³ STEL: 630 ppm STEL: 1500 mg/m³
P-chloro-m-cresol 59-50-7	-	-	-	TWA: 3 mg/m³ STEL: 6 mg/m³	-
Benzaldehyde 100-52-7	-	-	-	-	TWA: 1 ppm TWA: 4.4 mg/m³ Ceiling: 4 ppm Ceiling: 17.4 mg/m³
Ethyl alcohol 64-17-5	-	TWA: 1000 mg/m³ Ceiling: 3000 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³	TWA: 500 ppm TWA: 1000 mg/m³ STEL: 1000 ppm STEL: 1900 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 1300 ppm STEL: 2500 mg/m³
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Methanol 67-56-1	TWA: 200 ppm TWA: 260 mg/m³ STEL: 1000 ppm STEL: 1300 mg/m³ *	TWA: 100 ppm TWA: 130 mg/m³ H*	TWA: 100 ppm TWA: 130 mg/m³ Peak: 200 ppm Peak: 260 mg/m³ *	TWA: 200 ppm TWA: 260 mg/m³ STEL: 250 ppm STEL: 325 mg/m³ *	TWA: 260 mg/m³ b*
Phenoxyethanol 122-99-6	-	TWA: 1 ppm TWA: 5.7 mg/m³	TWA: 1 ppm TWA: 5.7 mg/m³ Peak: 1 ppm Peak: 5.7 mg/m³	-	-
Oxalic acid 144-62-7	TWA: 1 mg/m³	TWA: 1 mg/m³ H*	-	TWA: 1 mg/m³	TWA: 1 mg/m³
Isopropyl alcohol 67-63-0	STEL: 400 ppm STEL: 980 mg/m³	TWA: 200 ppm TWA: 500 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ Peak: 400 ppm Peak: 1000 mg/m³	TWA: 400 ppm TWA: 980 mg/m³ STEL: 500 ppm STEL: 1225 mg/m³	TWA: 500 mg/m³ STEL: 1000 mg/m³ b*
Dimethyl sulfoxide 67-68-5	-	TWA: 50 ppm TWA: 160 mg/m³ H*	TWA: 50 ppm TWA: 160 mg/m³ Peak: 100 ppm Peak: 320 mg/m³ *	-	-
Acetone 67-64-1	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1000 ppm STEL: 2420 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³ Peak: 1000 ppm Peak: 2400 mg/m³	TWA: 1780 mg/m³ STEL: 3560 mg/m³	TWA: 1210 mg/m³
P-chloro-m-cresol 59-50-7	-	-	skin sensitizer	-	-
Benzaldehyde 100-52-7	-	-	-	-	TWA: 5 mg/m³ STEL: 10 mg/m³
Ethyl alcohol 64-17-5	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 5000 ppm STEL: 9500 mg/m³	TWA: 200 ppm TWA: 380 mg/m³	TWA: 200 ppm TWA: 380 mg/m³ Peak: 800 ppm Peak: 1520 mg/m³	TWA: 1000 ppm TWA: 1900 mg/m³	TWA: 1900 mg/m³ STEL: 3800 mg/m³
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Methanol 67-56-1	TWA: 200 ppm TWA: 260 mg/m³	TWA: 200 ppm TWA: 260 mg/m³	TWA: 200 ppm TWA: 262 mg/m³	TWA: 200 ppm TWA: 260 mg/m³	O* TWA: 200 ppm

	STEL: 600 ppm STEL: 780 mg/m³ Sk*	cute*	STEL: 250 ppm STEL: 328 mg/m³ cute*	Ada*	TWA: 260 mg/m³
Oxalic acid 144-62-7	TWA: 1 mg/m³ STEL: 3 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³ STEL: 2 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³
Isopropyl alcohol 67-63-0	TWA: 200 ppm STEL: 400 ppm Sk*	-	TWA: 200 ppm TWA: 492 mg/m³ STEL: 400 ppm STEL: 983 mg/m³	TWA: 350 mg/m³ STEL: 600 mg/m³	TWA: 150 ppm TWA: 350 mg/m³ STEL: 250 ppm STEL: 600 mg/m³
Dimethyl sulfoxide 67-68-5	-	-	-	-	O* TWA: 50 ppm TWA: 150 mg/m³ STEL: 150 ppm STEL: 500 mg/m³
Acetone 67-64-1	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1500 ppm STEL: 3630 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 250 ppm TWA: 594 mg/m³ STEL: 500 ppm STEL: 1187 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1000 ppm STEL: 2420 mg/m³
Benzaldehyde 100-52-7	-	-	-	TWA: 5 mg/m³	TWA: 5 mg/m³
Ethyl alcohol 64-17-5	STEL: 1000 ppm	-	STEL: 1000 ppm STEL: 1884 mg/m³	TWA: 1000 mg/m³	TWA: 500 ppm TWA: 1000 mg/m³ STEL: 1000 ppm STEL: 1900 mg/m³
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Methanol 67-56-1	Peau* TWA: 200 ppm TWA: 260 mg/m³	skin* TWA: 200 ppm TWA: 260 mg/m³	TWA: 133 mg/m³ H*	TWA: 100 ppm TWA: 130 mg/m³ STEL: 150 ppm STEL: 162.5 mg/m³ H*	STEL: 300 mg/m³ TWA: 100 mg/m³ Prohibited - substances or mixtures containing Methanol in weight concentration >3%;except fuels used in the model building, powerboating, fuel cells and biofuels skóra*
Phenoxyethanol 122-99-6	-	-	-	-	TWA: 230 mg/m³
Oxalic acid 144-62-7	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³ STEL: 3 mg/m³	STEL: 2 mg/m³ TWA: 1 mg/m³
Isopropyl alcohol 67-63-0	-	-	-	TWA: 100 ppm TWA: 245 mg/m³ STEL: 150 ppm STEL: 306.25 mg/m³	STEL: 1200 mg/m³ TWA: 900 mg/m³ skóra*
Acetone 67-64-1	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 1210 mg/m³ STEL: 2420 mg/m³	TWA: 125 ppm TWA: 295 mg/m³ STEL: 156.25 ppm STEL: 368.75 mg/m³	STEL: 1800 mg/m³ TWA: 600 mg/m³
P-chloro-m-cresol 59-50-7	-	-	-	-	TWA: 5 mg/m³
Benzaldehyde 100-52-7	-	-	-	-	STEL: 40 mg/m³ TWA: 10 mg/m³
Ethyl alcohol 64-17-5	-	-	TWA: 260 mg/m³ STEL: 1900 mg/m³ H*	TWA: 500 ppm TWA: 950 mg/m³ STEL: 625 ppm STEL: 1187.5 mg/m³	TWA: 1900 mg/m³
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Methanol 67-56-1	TWA: 200 ppm TWA: 260 mg/m³	TWA: 200 ppm TWA: 260 mg/m³	TWA: 200 ppm TWA: 260 mg/m³	TWA: 200 ppm TWA: 260 mg/m³	TWA: 200 ppm TWA: 266 mg/m³

	STEL: 250 ppm Cutânea*	P*	K*	STEL: 800 ppm STEL: 1040 mg/m³ K*	vía dérmica*
Phenoxyethanol 122-99-6	-	-	-	TWA: 5.7 mg/m³ TWA: 1 ppm STEL: 1 ppm STEL: 5.7 mg/m³	-
Oxalic acid 144-62-7	TWA: 1 mg/m³ STEL: 2 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³ STEL: 1 mg/m³ K*	TWA: 1 mg/m³
Isopropyl alcohol 67-63-0	TWA: 200 ppm STEL: 400 ppm	TWA: 81 ppm TWA: 200 mg/m³ STEL: 203 ppm STEL: 500 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ Ceiling: 1000 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ STEL: 400 ppm STEL: 1000 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ STEL: 400 ppm STEL: 1000 mg/m³
Dimethyl sulfoxide 67-68-5	-	-	-	TWA: 160 mg/m³ TWA: 50 ppm STEL: 100 ppm STEL: 320 mg/m³ K*	-
Acetone 67-64-1	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 750 ppm	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 2420 mg/m³ STEL: 1000 ppm	TWA: 500 ppm TWA: 1210 mg/m³
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m³ STEL: 5000 ppm STEL: 9500 mg/m³	TWA: 500 ppm TWA: 960 mg/m³ Ceiling: 1920 mg/m³	TWA: 960 mg/m³ TWA: 500 ppm STEL: 1000 ppm STEL: 1920 mg/m³	STEL: 1000 ppm STEL: 1910 mg/m³

Chemical name	Sweden	Switzerland	United Kingdom
Methanol 67-56-1	NGV: 200 ppm NGV: 250 mg/m³ Vägledande KGV: 250 ppm Vägledande KGV: 350 mg/m³ H*	TWA: 200 ppm TWA: 260 mg/m³ STEL: 400 ppm STEL: 520 mg/m³ H*	TWA: 200 ppm TWA: 266 mg/m³ STEL: 250 ppm STEL: 333 mg/m³ Sk*
Phenoxyethanol 122-99-6	-	TWA: 20 ppm TWA: 110 mg/m³ STEL: 20 ppm STEL: 110 mg/m³	-
Oxalic acid 144-62-7	NGV: 1 mg/m³ Vägledande KGV: 2 mg/m³	TWA: 1 mg/m³	TWA: 1 mg/m³ STEL: 2 mg/m³
Isopropyl alcohol 67-63-0	NGV: 150 ppm NGV: 350 mg/m³ Vägledande KGV: 250 ppm Vägledande KGV: 600 mg/m³	TWA: 200 ppm TWA: 500 mg/m³ STEL: 400 ppm STEL: 1000 mg/m³	TWA: 400 ppm TWA: 999 mg/m³ STEL: 500 ppm STEL: 1250 mg/m³
Dimethyl sulfoxide 67-68-5	NGV: 50 ppm NGV: 150 mg/m³ Vägledande KGV: 150 ppm Vägledande KGV: 500 mg/m³ H*	TWA: 50 ppm TWA: 160 mg/m³ STEL: 100 ppm STEL: 320 mg/m³ H*	-
Acetone 67-64-1	NGV: 250 ppm NGV: 600 mg/m³ Vägledande KGV: 500 ppm Vägledande KGV: 1200 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³ STEL: 1000 ppm STEL: 2400 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1500 ppm STEL: 3620 mg/m³
P-chloro-m-cresol 59-50-7	NGV: 3 mg/m³ Vägledande KGV: 6 mg/m³ S+	-	-
Ethyl alcohol 64-17-5	NGV: 500 ppm NGV: 1000 mg/m³ Vägledande KGV: 1000 ppm Vägledande KGV: 1900 mg/m³	TWA: 500 ppm TWA: 960 mg/m³ STEL: 1000 ppm STEL: 1920 mg/m³	TWA: 1000 ppm TWA: 1920 mg/m³ STEL: 3000 ppm STEL: 5760 mg/m³

Biological occupational exposure limits

Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
Methanol 67-56-1	-	-	-	7.0 mg/g Creatinine - urine (Methanol) - at the end of the work shift	0.47 mmol/L (urine - Methanol end of shift) 15 mg/L (urine - Methanol end of shift)
Isopropyl alcohol 67-63-0	-	-	-	50 mg/L - blood (Acetone) - at the end of the work shift 50 mg/L - urine (Acetone) - at the end of the work shift	-
Acetone 67-64-1	-	-	80 mg/L - urine (Acetone) - at the end of exposure or end of work shift	20.0 mg/L - blood (Acetone) - at the end of the work shift 20.0 mg/g Creatinine - urine (Acetone) - at the end of the work shift	-

Chemical name	Denmark	Finland	France	Germany DFG	Germany TRGS
Methanol 67-56-1	-	-	15 mg/L - urine (Methanol) - end of shift	15 mg/L (urine - Methanol end of shift) 15 mg/L (urine - Methanol for long-term exposures: at the end of the shift after several shifts) 15 mg/L - BAT (for long-term exposures: at the end of the shift after several shifts) urine 15 mg/L - BAT (end of exposure or end of shift) urine	15 mg/L (urine - Methanol end of shift) 15 mg/L (urine - Methanol for long-term exposures: at the end of the shift after several shifts)
Isopropyl alcohol 67-63-0	-	-	-	25 mg/L (whole blood - Acetone end of shift) 25 mg/L (urine - Acetone end of shift) 25 mg/L - BAT (end of exposure or end of shift) urine 25 mg/L - BAT (end of exposure or end of shift) blood	25 mg/L (whole blood - Acetone end of shift) 25 mg/L (urine - Acetone end of shift)
Acetone 67-64-1	-	-	100 mg/L - urine (Acetone) - end of shift	80 mg/L (urine - Acetone end of shift) 50 mg/L - BAT (end of exposure or end of shift) urine 2.5 mg/L - BAR (end of exposure or end of shift) urine	80 mg/L (urine - Acetone end of shift)

Chemical name	Hungary	Ireland	Italy MDLPS	Italy AIDII
Methanol 67-56-1	30 mg/L (urine - Methanol end of shift) 940 µmol/L (urine -	15 mg/L (urine - Methanol end of shift)	-	15 mg/L - urine (Methanol) - end of shift

	Methanol end of shift)			
Isopropyl alcohol 67-63-0	-	40 mg/L (urine - Acetone end of shift at end of workweek)	-	40 mg/L - urine (Acetone) - end of shift at end of workweek
Acetone 67-64-1	-	50 mg/L (urine - Acetone end of shift)	-	25 mg/L - urine (Acetone) - end of shift
Chemical name	Latvia	Luxembourg	Romania	Slovakia
Methanol 67-56-1	-	-	6 mg/L - urine (Methanol) - end of shift	30 mg/L (urine - Methanol end of exposure or work shift) 30 mg/L (urine - Methanol after all work shifts)
Isopropyl alcohol 67-63-0	-	-	50 mg/L - urine (Acetone) - end of shift	-
Acetone 67-64-1	-	-	50 mg/L - urine (Acetone) - end of shift	80 mg/L (urine - Acetone end of exposure or work shift)
Chemical name	Slovenia	Spain	Switzerland	United Kingdom
Methanol 67-56-1	15 mg/L - urine (Methanol) - at the end of the work shift; for long-term exposure: at the end of the work shift after several consecutive workdays	15 mg/L (urine - Methanol end of shift)	30 mg/L (urine - Methanol end of shift, and after several shifts (for long-term exposures)) 936 µmol/L (urine - Methanol end of shift, and after several shifts (for long-term exposures))	-
Isopropyl alcohol 67-63-0	25 mg/L - blood (Acetone) - at the end of the work shift 25 mg/L - urine (Acetone) - at the end of the work shift	40 mg/L (urine - Acetone end of workweek)	25 mg/L (urine - Acetone end of shift) 0.4 mmol/L (urine - Acetone end of shift) 25 mg/L (whole blood - Acetone end of shift) 0.4 mmol/L (whole blood - Acetone end of shift)	-
Acetone 67-64-1	80.0 mg/L - urine (Acetone) - at the end of the work shift	50 mg/L (urine - Acetone end of shift)	80 mg/L (urine - Acetone end of shift) 1.38 mmol/L (urine - Acetone end of shift)	-

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Methanol 67-56-1	-	20 mg/kg bw/day [4] [6] 20 mg/kg bw/day [4] [7]	130 mg/m³ [4] [6] 130 mg/m³ [4] [7] 130 mg/m³ [5] [6] 130 mg/m³ [5] [7]
Salicylic acid 69-72-7	-	2.3 mg/kg bw/day [4] [6]	5 mg/m³ [4] [6] 5 mg/m³ [5] [6]
Phenoxyethanol 122-99-6	-	20.83 mg/kg bw/day [4] [6]	5.7 mg/m³ [4] [6] 5.7 mg/m³ [5] [6]
Isopropyl alcohol 67-63-0	-	888 mg/kg bw/day [4] [6]	500 mg/m³ [4] [6]
Dimethyl sulfoxide 67-68-5	-	200 mg/kg bw/day [4] [6]	484 mg/m³ [4] [6] 265 mg/m³ [5] [6]
Acetone 67-64-1	-	186 mg/kg bw/day [4] [6]	1210 mg/m³ [4] [6] 2420 mg/m³ [5] [7]
P-chloro-m-cresol 59-50-7	-	3.566666667 mg/kg bw/day [4] [6]	6.288596491 mg/m³ [4] [6]
Benzaldehyde 100-52-7	-	1.14 mg/kg bw/day [4] [6] 1 % in mixture (weight basis)	9.8 mg/m³ [4] [6] 9.8 mg/m³ [5] [6]

Chemical name	Oral	Dermal	Inhalation
		[5] [7]	
Ethyl alcohol 64-17-5	-	343 mg/kg bw/day [4] [6]	950 mg/m³ [4] [6] 1900 mg/m³ [5] [7]

[4] Systemic health effects.
[5] Local health effects.
[6] Long term.
[7] Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Methanol 67-56-1	4 mg/kg bw/day [4] [6] 4 mg/kg bw/day [4] [7]	4 mg/kg bw/day [4] [6] 4 mg/kg bw/day [4] [7]	26 mg/m³ [4] [6] 26 mg/m³ [4] [7] 26 mg/m³ [5] [6] 26 mg/m³ [5] [7]
Salicylic acid 69-72-7	1 mg/kg bw/day [4] [6] 4 mg/kg bw/day [4] [7]	-	4 mg/m³ [4] [6]
Phenoxyethanol 122-99-6	9.23 mg/kg bw/day [4] [6] 9.23 mg/kg bw/day [4] [7]	-	2.41 mg/m³ [4] [6] 2.41 mg/m³ [5] [6]
Isopropyl alcohol 67-63-0	26 mg/kg bw/day [4] [6]	-	89 mg/m³ [4] [6]
Dimethyl sulfoxide 67-68-5	60 mg/kg bw/day [4] [6]	-	120 mg/m³ [4] [6] 47 mg/m³ [5] [6]
Acetone 67-64-1	62 mg/kg bw/day [4] [6]	-	200 mg/m³ [4] [6]
P-chloro-m-cresol 59-50-7	0.891666667 mg/kg bw/day [4] [6]	-	1.550724638 mg/m³ [4] [6]
Benzaldehyde 100-52-7	0.67 mg/kg bw/day [4] [6]	1 % in mixture (weight basis) [5] [7]	4.9 mg/m³ [4] [6] 4.9 mg/m³ [5] [6]
Ethyl alcohol 64-17-5	87 mg/kg bw/day [4] [6]	-	114 mg/m³ [4] [6] 950 mg/m³ [5] [7]

[4] Systemic health effects.
[5] Local health effects.
[6] Long term.
[7] Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Methanol 67-56-1	20.8 mg/L	1540 mg/L	2.08 mg/L	-	-
Salicylic acid 69-72-7	0.2 mg/L	1 mg/L	0.02 mg/L	-	-
Phenoxyethanol 122-99-6	0.943 mg/L	3.44 mg/L	0.0943 mg/L	-	-
Isopropyl alcohol 67-63-0	140.9 mg/L	140.9 mg/L	140.9 mg/L	-	-
Dimethyl sulfoxide 67-68-5	17 mg/L	-	1.7 mg/L	-	-
Acetone 67-64-1	10.6 mg/L	21 mg/L	1.06 mg/L	-	-
P-chloro-m-cresol 59-50-7	0.015 mg/L	0.015 mg/L	0.0015 mg/L	-	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Methanol 67-56-1	77 mg/kg sediment dw	7.7 mg/kg sediment dw	100 mg/L	100 mg/kg soil dw	-
Salicylic acid 69-72-7	1.42 mg/kg sediment dw	0.142 mg/kg sediment dw	162 mg/L	0.166 mg/kg soil dw	-
Phenoxyethanol 122-99-6	7.2366 mg/kg sediment dw	0.7237 mg/kg sediment dw	36 mg/L	1.31 mg/kg soil dw	-
Isopropyl alcohol 67-63-0	552 mg/kg sediment dw	552 mg/kg sediment dw	2251 mg/L	28 mg/kg soil dw	160 mg/kg food
Dimethyl sulfoxide 67-68-5	13.4 mg/kg sediment dw	-	11 mg/L	3.02 mg/kg soil dw	0.7 g/kg food
Acetone 67-64-1	30.4 mg/kg sediment dw	3.04 mg/kg sediment dw	100 mg/L	29.5 mg/kg soil dw	-
P-chloro-m-cresol 59-50-7	13.980972 mg/kg sediment dw	13.980972 mg/kg sediment dw	2.286 mg/L	6.398664 mg/kg soil dw	-

8.2. Exposure controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Do not breathe vapour or mist.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Physical state Liquid
Colour Colourless
Odour Alcohol-like
Odour threshold No information available

Property	Values	Remarks • Method
Melting point / freezing point		No data available

Initial boiling point and boiling range	63 - 65 °C	@ 760 mmHg
Flammability		No data available
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Flash point	54 °C	CC (closed cup)
Autoignition temperature		No data available
Decomposition temperature		No data available
pH		No data available
pH (as aqueous solution)		No data available
Kinematic viscosity		No data available
Dynamic viscosity		No data available
Water solubility	Miscible in water	
Solubility(ies)		No data available
Partition coefficient		No data available
Vapour pressure	98 mmHg	@ 20 °C
Relative density		No data available
Bulk density		No data available
Liquid Density		No data available
Vapour density	>1	
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		No data available

9.2. Other information

9.2.1. Information with regards to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data
Sensitivity to mechanical impact None.
Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Excessive heat.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. Toxic by inhalation. (based on components).

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation. Toxic in contact with skin. (based on components). Causes mild skin irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Toxic if swallowed. (based on components).

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Coughing and/ or wheezing. Difficulty in breathing. Prolonged contact may cause redness and irritation.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral)	152.20 mg/kg
ATEmix (dermal)	454.70 mg/kg
ATEmix (inhalation-vapour)	45.80 mg/l
ATEmix (inhalation-dust/mist)	0.338 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methanol	= 100 mg/kg	= 300 mg/kg	= 22500 ppm (Rat) 8 h
Salicylic acid	= 891 mg/kg (Rat)	> 2 g/kg (Rat)	> 900 mg/m³ (Rat) 1 h
Phenoxyethanol	= 1850 mg/kg (Rat)	= 5 mL/kg (Rabbit)	> 0.057 mg/L (Rat) 8 h
Oxalic acid	= 375 mg/kg (Rat)	= 20000 mg/kg (Rat)	-
Isopropyl alcohol	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	> 10000 ppm (Rat) 6 h
Dimethyl sulfoxide	= 28300 mg/kg (Rat)	= 40000 mg/kg (Rat)	> 5.33 mg/L (Rat) 4 h
Acetone	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m³ (Rat) 8 h
P-chloro-m-cresol	= 500 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 2871 mg/m³ (Rat) 4 h
Benzaldehyde	= 1292 mg/kg (Rat)	> 1250 mg/kg (Rabbit)	-
Ethyl alcohol	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat) 4 h

			= 133.8 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes mild skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. Suspected of damaging fertility or the unborn child.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Salicylic acid	Repr. 2

STOT - single exposure Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). Causes damage to organs if swallowed. Causes damage to organs in contact with skin.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Unknown aquatic toxicity Contains 0.54738 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methanol 67-56-1	-	LC50: =28200mg/L (96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas) LC50: 19500 - 20700mg/L (96h, Oncorhynchus mykiss)	-	-

		LC50: 18 - 20mL/L (96h, Oncorhynchus mykiss) LC50: 13500 - 17600mg/L (96h, Lepomis macrochirus)		
Salicylic acid 69-72-7	-	-	-	EC50: =870mg/L (48h, Daphnia magna)
Phenoxyethanol 122-99-6	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: 337 - 352mg/L (96h, Pimephales promelas) LC50: =366mg/L (96h, Pimephales promelas)	-	EC50: >500mg/L (48h, Daphnia magna)
Oxalic acid 144-62-7	-	-	-	EC50: 125 - 150mg/L (48h, Daphnia magna)
Isopropyl alcohol 67-63-0	EC50: >1000mg/L (96h, Desmodesmus subspicatus) EC50: >1000mg/L (72h, Desmodesmus subspicatus)	LC50: =9640mg/L (96h, Pimephales promelas) LC50: =11130mg/L (96h, Pimephales promelas) LC50: >1400000µg/L (96h, Lepomis macrochirus)	-	EC50: =13299mg/L (48h, Daphnia magna)
Dimethyl sulfoxide 67-68-5	-	LC50: =34000mg/L (96h, Pimephales promelas) LC50: 33 - 37g/L (96h, Oncorhynchus mykiss) LC50: >40g/L (96h, Lepomis macrochirus) LC50: =41.7g/L (96h, Cyprinus carpio)	-	-
Acetone 67-64-1	-	LC50: 4.74 - 6.33mL/L (96h, Oncorhynchus mykiss) LC50: 6210 - 8120mg/L (96h, Pimephales promelas) LC50: =8300mg/L (96h, Lepomis macrochirus)	EC50 = 14500 mg/L 15 min	EC50: 10294 - 17704mg/L (48h, Daphnia magna) EC50: 12600 - 12700mg/L (48h, Daphnia magna)
P-chloro-m-cresol 59-50-7	EC50: >10mg/L (96h, Desmodesmus subspicatus) EC50: =4.2mg/L (72h, Desmodesmus subspicatus)	LC50: 3.11 - 5.27mg/L (96h, Pimephales promelas) LC50: 1000 - 10000µg/L (96h, Pimephales promelas) LC50: 5.81 - 7.76mg/L (96h, Poecilia reticulata) LC50: =917µg/L (96h, Oncorhynchus mykiss)	-	EC50: =2mg/L (48h, Daphnia magna) EC50: 1.13 - 1.94mg/L (48h, Daphnia magna)
Benzaldehyde 100-52-7	-	LC50: 10.6 - 11.8mg/L (96h, Oncorhynchus mykiss) LC50: =12.69mg/L (96h, Oncorhynchus mykiss) LC50: 0.8 - 1.44mg/L (96h, Lepomis macrochirus) LC50: 6.8 - 8.53mg/L (96h, Pimephales promelas) LC50: =7.5mg/L (96h, Lepomis macrochirus)	EC50 = 4.85 mg/L 30 min EC50 = 5.08 mg/L 15 min EC50 = 6.11 mg/L 5 min	-
Ethyl alcohol 64-17-5	-	LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus	-	LC50: 9268 - 14221mg/L (48h, Daphnia magna)

		mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas)		EC50: =2mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Methanol	-0.77
Salicylic acid	2.25
Phenoxyethanol	1.2
Oxalic acid	-1.7
Isopropyl alcohol	0.05
Dimethyl sulfoxide	-1.35
Acetone	-0.24
P-chloro-m-cresol	2.73
Benzaldehyde	1.4
Ethyl alcohol	-0.35

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
Methanol 67-56-1	The substance is not PBT / vPvB
Salicylic acid 69-72-7	The substance is not PBT / vPvB
Phenoxyethanol 122-99-6	The substance is not PBT / vPvB
Oxalic acid 144-62-7	The substance is not PBT / vPvB
Isopropyl alcohol 67-63-0	The substance is not PBT / vPvB
Dimethyl sulfoxide 67-68-5	The substance is not PBT / vPvB
Acetone 67-64-1	The substance is not PBT / vPvB
P-chloro-m-cresol 59-50-7	The substance is not PBT / vPvB
Benzaldehyde 100-52-7	The substance is not PBT / vPvB
Ethyl alcohol 64-17-5	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

12.7. Other adverse effects

Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Waste codes / waste designations according to EWC / AVV According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

IMDG

14.1 UN number or ID number	UN1992
14.2 UN proper shipping name	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Acetone)
14.3 Transport hazard class(es)	3
Subsidiary hazard class	6.1
14.4 Packing group	III
Description	UN1992, FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL, ACETONE), 3 (6.1), III, (54°C C.C.)
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	223, 274
EmS-No	F-E, S-D
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number	UN1992
14.2 UN proper shipping name	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Acetone)
14.3 Transport hazard class(es)	3
Subsidiary hazard class	6.1
14.4 Packing group	III
Description	UN1992, FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Acetone), 3 (6.1), III
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	274
Classification code	FT1

ADR

14.1 UN number or ID number	UN1992
14.2 UN proper shipping name	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Acetone)
14.3 Transport hazard class(es)	3
Subsidiary class	6.1
14.4 Packing group	III
Description	UN1992, FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Acetone), 3 (6.1), III
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	274
Classification code	FT1
Tunnel restriction code	(D/E)

IATA

14.1 UN number or ID number UN1992
14.2 UN proper shipping name Flammable liquid, toxic, n.o.s. (Methanol, Acetone)
14.3 Transport hazard class(es) 3
Subsidiary hazard class 6.1
14.4 Packing group III
Description UN1992, Flammable liquid, toxic, n.o.s. (Methanol, Acetone), 3 (6.1), III
14.5 Environmental hazards Not applicable
14.6 Special Precautions for Users
Special Provisions A3
ERG Code 3P
Note: None

SECTION 15: Regulatory information

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

National regulations

France
Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
Methanol 67-56-1	RG 84
Phenoxyethanol 122-99-6	RG 84
Isopropyl alcohol 67-63-0	RG 84
Dimethyl sulfoxide 67-68-5	RG 84
Acetone 67-64-1	RG 84
Ethyl alcohol 64-17-5	RG 84

Germany
Water hazard class (WGK) obviously hazardous to water (WGK 2)

Netherlands

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Mutagens	Netherlands - List of Reproductive Toxins
Salicylic acid	-	-	Development Category 2
Ethyl alcohol	Present	-	Fertility Category 1A Development Category 1A Can be harmful via breastfeeding

European Union
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV

Methanol - 67-56-1	69. 75.	-
Salicylic acid - 69-72-7	75.	-
Phenoxyethanol - 122-99-6	75.	-
Isopropyl alcohol - 67-63-0	75.	-
Dimethyl sulfoxide - 67-68-5	75.	-
Acetone - 67-64-1	75.	-
P-chloro-m-cresol - 59-50-7	75.	-

Persistent Organic Pollutants
Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU)
H2 - ACUTE TOXIC
H3 - STOT SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE
P5a - FLAMMABLE LIQUIDS
P5b - FLAMMABLE LIQUIDS
P5c - FLAMMABLE LIQUIDS

Named dangerous substances per Seveso Directive (2012/18/EU)

Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Methanol - 67-56-1	500	5000

Ozone-depleting substances (ODS) regulation (EC) 1005/2009
Not applicable

Biocidal Products Regulation (EU) No 528/2012 (BPR)

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Salicylic acid - 69-72-7	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 3: Veterinary hygiene Product-type 4: Food and feed area
Phenoxyethanol - 122-99-6	Product-type 1: Human hygiene Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 4: Food and feed area Product-type 6: Preservatives for products during storage Product-type 13: Working or cutting fluid preservatives
Isopropyl alcohol - 67-63-0	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 4: Food and feed area Product-type 1: Human hygiene
P-chloro-m-cresol - 59-50-7	Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 13: Working or cutting fluid preservatives Product-type 1: Human hygiene
Ethyl alcohol - 64-17-5	Product-type 1: Human hygiene Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 4: Food and feed area

International Inventories
Contact supplier for inventory compliance status

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3
EUH066 - Repeated exposure may cause skin dryness or cracking
H225 - Highly flammable liquid and vapour
H301 - Toxic if swallowed
H302 - Harmful if swallowed
H311 - Toxic in contact with skin
H312 - Harmful in contact with skin
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H331 - Toxic if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H361d - Suspected of damaging the unborn child
H370 - Causes damage to organs
H400 - Very toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

Legend
ATE: Acute Toxicity Estimate
SVHC: Substances of Very High Concern for Authorisation:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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Disclaimer
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End of Safety Data Sheet