	SAFETY DATA SHEET	Page : 1 / 22
		Revision nr : 7.0
		Issue date : 31/03/2022
	Vaebond Contact	Supersedes : 05/02/2019

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

1.1. Product identifier

Product form : Mixture
Trade name : Vaebond Contact
Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Industrial uses
Use of the substance/mixture : Industrial use
Further information: see technical data sheet. TDS Vaebond Contact

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Imperbel N.V./S.A
Guido Gezellestraat 123
1654 Beersel (Huizingen), Belgium
Tel.+32 2 334 87 00
Fax:+32 2 378 14 69
infobe@derbigum.com
www.derbigum.be

1.4. Emergency telephone number

Emergency number : + 32 3 575 55 55 (24h/24h)

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)


SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 2 H225
Eye Irrit. 2 H319
STOT SE 3 H336

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

	SAFETY DATA SHEET	Page : 2 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word :

Danger

Contains :

Ethyl acetate, butanone; ethyl methyl ketone

Hazard statements (CLP) :

H225 - Highly flammable liquid and vapour.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 - Avoid breathing fume, vapours.

P280 - Wear eye protection, face protection, protective clothing, protective gloves.

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/doctor.

P314 - Get medical advice/attention if you feel unwell.

Extra phrases :

EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Other hazards :

Vapours are heavier than air and may spread along floors. Vapours can form explosive mixtures with air.


This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Ethyl acetate (141-78-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
butanone; ethyl methyl ketone (78-93-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

	SAFETY DATA SHEET	Page : 3 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethyl acetate	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index) 607-022-00-5	30 – 40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
butanone; ethyl methyl ketone	(CAS-No.) 78-93-3 (EC-No.) 201-159-0 (EC Index) 606-002-00-3	30 – 40	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice	: First aider: Pay attention to self-protection!. See also section 8 . Show this safety data sheet to the doctor in attendance. Never give anything by mouth to an unconscious person. Treat symptomatically.
Inhalation	: Provide fresh air. Put victim at rest, cover with a blanket and keep warm. Give oxygen or artificial respiration if necessary. Get medical advice/attention.
Skin contact	: Take off immediately all contaminated clothing. Rinse immediately with plenty of water. Wash skin with plenty of water and soap. Get medical attention if irritation develops and persists.
Eyes contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	: Rinse mouth. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

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

Inhalation	: May cause drowsiness or dizziness. CNS depression. Headache.
Skin contact	: Repeated exposure may cause skin dryness or cracking.
Eyes contact	: Causes serious eye irritation. redness, itching, tears.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

Treat symptomatically.


SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Water spray, Alcohol resistant foam, Carbon dioxide, Dry extinguishing powder.
Unsuitable extinguishing media	: Strong water jet .

5.2. Special hazards arising from the substance or mixture

Specific hazards	: Highly flammable liquid and vapour. Hazardous combustion products : Carbon oxides (CO, CO2). Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.
------------------	---

	SAFETY DATA SHEET	Page : 4 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

Explosion hazard : In use may form an explosive vapour-air mixture. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.

5.3. Advice for firefighters

Firefighting instructions : In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Eliminate all ignition sources if safe to do so. Special protective equipment for firefighters. In case of fire: Wear self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel : Provide adequate ventilation. Evacuate personnel to a safe area. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed.

6.1.2. For emergency responders

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Reference to other sections 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Dam up. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite or powdered limestone. Collect in closed and suitable containers for disposal. Dispose of contaminated materials in accordance with current regulations. Site should have a spill plan to ensure that adequate safeguards are in place to minimize the impact of episodic releases.

6.4. Reference to other sections


Concerning personal protective equipment to use, see section 8 . Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8 . Avoid contact with skin and eyes. Do not breathe vapour/aerosol. Vapours are heavier than air and may spread along floors. Prevent the build-up of electrostatic charge. Ensure equipment is adequately earthed. Electrical equipment should be protected to the appropriate standard. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not smoke. After use replace the closing cap immediately. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Do not allow to enter into surface water or drains.

Hygiene measures : Wash hands and face before breaks and immediately after handling of the product. When using do not eat or drink. Remove contaminated clothing and shoes. Keep good industrial hygiene.

	SAFETY DATA SHEET	Page : 5 / 22
		Revision nr : 7.0
		Issue date : 31/03/2022
	Vaebond Contact	Supersedes : 05/02/2019

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Provide adequate ventilation. Storage of flammable liquids . Ensure equipment is adequately earthed. Do not use compressed air for filling, discharging or handling. Keep container tightly closed in a cool, well-ventilated place.
Incompatible substances or mixtures	: water. Plastic.
Storage temperature	: 8 – 35 °C
Heat and ignition sources	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep out of direct sunlight.
Packaging materials	: Keep in properly labelled containers. Keep only in the original container. Suitable material: Aluminium. Stainless steel. Steel.


7.3. Specific end use(s)

Not applicable.


SECTION 8: Exposure controls/personal protection

8.1. Control parameters


Ethyl acetate (141-78-6)		
EU	IOEL TWA	734 mg/m ³
EU	IOEL TWA [ppm]	200 ppm
EU	IOEL STEL	1468 mg/m ³
EU	IOEL STEL [ppm]	400 ppm
Austria	MAK (OEL TWA)	1050 mg/m ³
Austria	MAK (OEL TWA) [ppm]	300 ppm
Austria	MAK (OEL STEL)	2100 mg/m ³
Austria	MAK (OEL STEL) [ppm]	600 ppm
Belgium	OEL TWA	1461 mg/m ³
Belgium	OEL TWA [ppm]	400 ppm
Belgium	OEL STEL	1468 mg/m ³
Belgium	OEL STEL [ppm]	400 ppm
Bulgaria	OEL TWA	800 mg/m ³
Bulgaria	OEL TWA [ppm]	200 ppm
Bulgaria	OEL STEL	1468 mg/m ³
Bulgaria	OEL STEL [ppm]	400 ppm
Croatia	GVI (OEL TWA) [1]	734 mg/m ³
Croatia	GVI (OEL TWA) [2]	200 ppm
Croatia	KGVI (OEL STEL)	1468 mg/m ³
Croatia	KGVI (OEL STEL) [ppm]	400 ppm
Cyprus	OEL TWA	734 mg/m ³
Cyprus	OEL TWA [ppm]	200 ppm
Cyprus	OEL STEL	1468 mg/m ³
Cyprus	OEL STEL [ppm]	400 ppm
Czech Republic	PEL (OEL TWA)	700 mg/m ³
Denmark	OEL TWA [1]	540 mg/m ³
Denmark	OEL TWA [2]	150 ppm
Estonia	OEL TWA	500 mg/m ³
Estonia	OEL TWA [ppm]	150 ppm
Estonia	OEL STEL	1100 mg/m ³

	SAFETY DATA SHEET	Page : 6 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019


Ethyl acetate (141-78-6)		
Estonia	OEL STEL [ppm]	300 ppm
Finland	HTP (OEL TWA) [1]	1100 mg/m ³
Finland	HTP (OEL TWA) [2]	300 ppm
Finland	HTP (OEL STEL)	1800 mg/m ³
Finland	HTP (OEL STEL) [ppm]	500 ppm
France	VME (OEL TWA)	1400 mg/m ³
France	VME (OEL TWA) [ppm]	400 ppm
Germany	Occupational exposure limit value (mg/m ³) (TRGS900)	1500 mg/m ³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Occupational exposure limit value (ppm) (TRGS900)	400 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Gibraltar	OEL TWA	200 mg/m ³
Gibraltar	OEL TWA [ppm]	734 ppm
Gibraltar	OEL STEL	400 mg/m ³
Gibraltar	OEL STEL [ppm]	1468 ppm
Greece	OEL TWA	1400 mg/m ³
Greece	OEL TWA [ppm]	400 ppm
Greece	OEL STEL	1468 mg/m ³
Greece	OEL STEL [ppm]	400 ppm
Hungary	AK (OEL TWA)	1400 mg/m ³
Hungary	CK (OEL STEL)	1400 mg/m ³
Ireland	OEL TWA [1]	734 mg/m ³
Ireland	OEL TWA [2]	200 ppm
Ireland	OEL STEL	1468 mg/m ³
Ireland	OEL STEL [ppm]	400 ppm
Italy	OEL TWA	734 mg/m ³
Italy	OEL TWA [ppm]	200 ppm
Italy	OEL STEL	1468 mg/m ³
Italy	OEL STEL [ppm]	400 ppm
Latvia	OEL TWA	200 mg/m ³
Latvia	OEL TWA [ppm]	54 ppm
Lithuania	IPRV (OEL TWA)	500 mg/m ³
Lithuania	IPRV (OEL TWA) [ppm]	150 ppm
Lithuania	NRV (OEL C)	1100 mg/m ³
Lithuania	NRV (OEL C) [ppm]	300 ppm
Luxembourg	OEL STEL	1468 mg/m ³
Luxembourg	OEL STEL [ppm]	400 ppm
Malta	OEL TWA	734 mg/m ³
Malta	OEL TWA [ppm]	200 ppm
Malta	OEL STEL	1468 mg/m ³

	SAFETY DATA SHEET	Page : 7 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019


Ethyl acetate (141-78-6)		
Malta	OEL STEL [ppm]	400 ppm
Netherlands	TGG-8u (OEL TWA)	734 mg/m ³
Netherlands	TGG-15min (OEL STEL)	1468 mg/m ³
Poland	NDS (OEL TWA)	734 mg/m ³
Poland	NDSch (OEL STEL)	1468 mg/m ³
Portugal	OEL TWA	734 mg/m ³ (indicative limit value)
Portugal	OEL TWA [ppm]	400 ppm
Portugal	OEL STEL	1468 mg/m ³ (indicative limit value)
Portugal	OEL STEL [ppm]	400 ppm (indicative limit value)
Romania	OEL TWA	400 mg/m ³
Romania	OEL TWA [ppm]	111 ppm
Romania	OEL STEL	500 mg/m ³
Romania	OEL STEL [ppm]	139 ppm
Slovakia	NPHV (OEL TWA) [1]	1500 mg/m ³
Slovakia	NPHV (OEL TWA) [2]	400 ppm
Slovakia	NPHV (OEL C)	1100 mg/m ³
Slovenia	OEL TWA	1400 mg/m ³
Slovenia	OEL TWA [ppm]	400 ppm
Slovenia	OEL STEL	1400 mg/m ³
Slovenia	OEL STEL [ppm]	400 ppm
Spain	VLA-ED (OEL TWA) [1]	1460 mg/m ³
Spain	VLA-ED (OEL TWA) [2]	400 ppm
Spain	VLA-EC (OEL STEL)	1468 mg/m ³
Spain	VLA-EC (OEL STEL) [ppm]	400 ppm
Sweden	NGV (OEL TWA)	500 mg/m ³
Sweden	NGV (OEL TWA) [ppm]	150 ppm
Sweden	KTV (OEL STEL)	1100 mg/m ³
Sweden	KTV (OEL STEL) [ppm]	300 ppm
United Kingdom	WEL TWA (OEL TWA) [1]	734 mg/m ³
United Kingdom	WEL TWA (OEL TWA) [2]	200 ppm
United Kingdom	WEL STEL (OEL STEL)	1468 mg/m ³
United Kingdom	WEL STEL (OEL STEL) [ppm]	400 ppm
Norway	Grenseverdi (OEL TWA) [1]	550 mg/m ³
Norway	Grenseverdi (OEL TWA) [2]	150 ppm
Norway	Korttidsverdi (OEL STEL)	687,5 mg/m ³ (value calculated)
Norway	Korttidsverdi (OEL STEL) [ppm]	187,5 ppm (value calculated)
Switzerland	MAK (OEL TWA) [1]	1400 mg/m ³
Switzerland	MAK (OEL TWA) [2]	400 ppm
Switzerland	KZGW (OEL STEL)	2800 mg/m ³
Switzerland	KZGW (OEL STEL) [ppm]	800 ppm
Australia	OES TWA [1]	720 mg/m ³
Australia	OES TWA [2]	200 ppm

	SAFETY DATA SHEET	Page : 8 / 22
		Revision nr : 7.0
		Issue date : 31/03/2022
	Vaebond Contact	Supersedes : 05/02/2019


Ethyl acetate (141-78-6)		
Australia	OES STEL	1440 mg/m ³
Australia	OES STEL [ppm]	400 ppm
Canada (Quebec)	VEMP (OEL TWA)	1440 mg/m ³
Canada (Quebec)	VEMP (OEL TWA) [ppm]	400 ppm
USA - ACGIH	ACGIH OEL TWA [ppm]	400 ppm
USA - IDLH	IDLH [ppm]	2000 ppm (10% LEL)
USA - NIOSH	NIOSH REL TWA	1400 mg/m ³
USA - NIOSH	NIOSH REL TWA [ppm]	400 ppm
USA - OSHA	OSHA PEL TWA [1]	1400 mg/m ³
USA - OSHA	OSHA PEL TWA [2]	400 ppm
butanone; ethyl methyl ketone (78-93-3)		
EU	IOEL TWA	600 mg/m ³
EU	IOEL TWA [ppm]	200 ppm
EU	IOEL STEL	900 mg/m ³
EU	IOEL STEL [ppm]	300 ppm
Austria	MAK (OEL TWA)	295 mg/m ³
Austria	MAK (OEL TWA) [ppm]	100 ppm
Austria	MAK (OEL STEL)	590 mg/m ³ (Butanone)
Austria	MAK (OEL STEL) [ppm]	200 ppm (Butanone)
Belgium	OEL TWA	600 mg/m ³
Belgium	OEL TWA [ppm]	200 ppm
Belgium	OEL STEL	900 mg/m ³
Belgium	OEL STEL [ppm]	300 ppm
Bulgaria	OEL TWA	590 mg/m ³
Bulgaria	OEL STEL	885 mg/m ³
Croatia	GVI (OEL TWA) [1]	600 mg/m ³
Croatia	GVI (OEL TWA) [2]	200 ppm
Croatia	KGVI (OEL STEL)	900 mg/m ³
Croatia	KGVI (OEL STEL) [ppm]	300 ppm
Cyprus	OEL TWA	600 mg/m ³
Cyprus	OEL TWA [ppm]	200 ppm
Cyprus	OEL STEL	900 mg/m ³
Cyprus	OEL STEL [ppm]	300 ppm
Czech Republic	PEL (OEL TWA)	600 mg/m ³
Denmark	OEL TWA [1]	145 mg/m ³
Denmark	OEL TWA [2]	50 ppm
Estonia	OEL TWA	600 mg/m ³
Estonia	OEL TWA [ppm]	200 ppm
Estonia	OEL STEL	900 mg/m ³
Estonia	OEL STEL [ppm]	300 ppm
Finland	HTP (OEL TWA) [1]	60 mg/m ³
Finland	HTP (OEL TWA) [2]	20 ppm

	SAFETY DATA SHEET	Page : 9 / 22
		Revision nr : 7.0
		Issue date : 31/03/2022
	Vaebond Contact	Supersedes : 05/02/2019

butanone; ethyl methyl ketone (78-93-3)		
Finland	HTP (OEL STEL)	300 mg/m ³
Finland	HTP (OEL STEL) [ppm]	100 ppm
France	VME (OEL TWA)	600 mg/m ³ (restrictive limit)
France	VME (OEL TWA) [ppm]	200 ppm (restrictive limit)
France	VLE (OEL C/STEL)	900 mg/m ³ (restrictive limit)
France	VLE (OEL C/STEL) [ppm]	300 ppm (restrictive limit)
Germany	Occupational exposure limit value (mg/m ³) (TRGS900)	600 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Occupational exposure limit value (ppm) (TRGS900)	200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Biological limit value	2 mg/l Parameter: 2-Butanone - Medium: urine - Sampling time: end of shift
Gibraltar	OEL TWA	600 mg/m ³
Gibraltar	OEL TWA [ppm]	200 ppm
Gibraltar	OEL STEL	900 mg/m ³
Gibraltar	OEL STEL [ppm]	300 ppm
Greece	OEL TWA	600 mg/m ³
Greece	OEL TWA [ppm]	200 ppm
Greece	OEL STEL	900 mg/m ³
Greece	OEL STEL [ppm]	300 ppm
Hungary	AK (OEL TWA)	600 mg/m ³
Hungary	CK (OEL STEL)	900 mg/m ³
Ireland	OEL TWA [1]	600 mg/m ³
Ireland	OEL TWA [2]	200 ppm
Ireland	OEL STEL	900 mg/m ³
Ireland	OEL STEL [ppm]	300 ppm
Italy	OEL TWA	600 mg/m ³
Italy	OEL TWA [ppm]	200 ppm
Italy	OEL STEL	900 mg/m ³
Italy	OEL STEL [ppm]	300 ppm
Latvia	OEL TWA	200 mg/m ³
Latvia	OEL TWA [ppm]	67 ppm
Luxembourg	OEL TWA	600 mg/m ³
Luxembourg	OEL TWA [ppm]	200 ppm
Luxembourg	OEL STEL	900 mg/m ³
Luxembourg	OEL STEL [ppm]	300 ppm
Malta	OEL TWA	600 mg/m ³
Malta	OEL TWA [ppm]	200 ppm
Malta	OEL STEL	900 mg/m ³
Malta	OEL STEL [ppm]	300 ppm
Netherlands	TGG-8u (OEL TWA)	590 mg/m ³

	SAFETY DATA SHEET	Page : 10 / 22
		Revision nr : 7.0
		Issue date : 31/03/2022
	Vaebond Contact	Supersedes : 05/02/2019

butanone; ethyl methyl ketone (78-93-3)		
Netherlands	TGG-15min (OEL STEL)	900 mg/m ³
Poland	NDS (OEL TWA)	450 mg/m ³
Poland	NDSCh (OEL STEL)	900 mg/m ³
Portugal	OEL TWA	600 mg/m ³ (indicative limit value)
Portugal	OEL TWA [ppm]	200 ppm (indicative limit value)
Portugal	OEL STEL	900 mg/m ³ (indicative limit value)
Portugal	OEL STEL [ppm]	300 ppm (indicative limit value)
Romania	OEL TWA	600 mg/m ³
Romania	OEL TWA [ppm]	200 ppm
Romania	OEL STEL	900 mg/m ³
Romania	OEL STEL [ppm]	300 ppm
Slovakia	NPHV (OEL TWA) [1]	600 mg/m ³
Slovakia	NPHV (OEL TWA) [2]	200 ppm
Slovakia	NPHV (OEL C)	900 mg/m ³
Slovenia	OEL TWA	600 mg/m ³
Slovenia	OEL TWA [ppm]	200 ppm
Slovenia	OEL STEL	900 mg/m ³
Slovenia	OEL STEL [ppm]	300 ppm
Spain	VLA-ED (OEL TWA) [1]	600 mg/m ³ (indicative limit value)
Spain	VLA-ED (OEL TWA) [2]	200 ppm (indicative limit value)
Spain	VLA-EC (OEL STEL)	900 mg/m ³
Spain	VLA-EC (OEL STEL) [ppm]	300 ppm
Sweden	NGV (OEL TWA)	150 mg/m ³
Sweden	NGV (OEL TWA) [ppm]	50 ppm
Sweden	KTV (OEL STEL)	900 mg/m ³
Sweden	KTV (OEL STEL) [ppm]	300 ppm
United Kingdom	WEL TWA (OEL TWA) [1]	600 mg/m ³
United Kingdom	WEL TWA (OEL TWA) [2]	200 ppm
United Kingdom	WEL STEL (OEL STEL)	899 mg/m ³
United Kingdom	WEL STEL (OEL STEL) [ppm]	300 ppm
Norway	Grenseverdi (OEL TWA) [1]	220 mg/m ³
Norway	Grenseverdi (OEL TWA) [2]	75 ppm
Norway	Korttidsverdi (OEL STEL)	275 mg/m ³ (value calculated)
Norway	Korttidsverdi (OEL STEL) [ppm]	112,5 ppm (value calculated)
Switzerland	MAK (OEL TWA) [1]	590 mg/m ³
Switzerland	MAK (OEL TWA) [2]	200 ppm
Switzerland	KZGW (OEL STEL)	590 mg/m ³
Switzerland	KZGW (OEL STEL) [ppm]	200 ppm
Australia	OES TWA [1]	445 mg/m ³
Australia	OES TWA [2]	150 ppm
Australia	OES STEL	890 mg/m ³
Australia	OES STEL [ppm]	300 ppm

	SAFETY DATA SHEET	Page : 11 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

butanone; ethyl methyl ketone (78-93-3)		
Canada (Quebec)	VECD (OEL STEL)	300 mg/m ³
Canada (Quebec)	VECD (OEL STEL) [ppm]	100 ppm
Canada (Quebec)	VEMP (OEL TWA)	150 mg/m ³
Canada (Quebec)	VEMP (OEL TWA) [ppm]	50 ppm
USA - ACGIH	ACGIH OEL TWA [ppm]	200 ppm
USA - ACGIH	ACGIH OEL STEL [ppm]	300 ppm
USA - IDLH	IDLH [ppm]	3000 ppm
USA - NIOSH	NIOSH REL TWA	590 mg/m ³
USA - NIOSH	NIOSH REL TWA [ppm]	200 ppm
USA - NIOSH	NIOSH REL STEL	885 mg/m ³
USA - NIOSH	NIOSH REL STEL [ppm]	300 ppm
USA - OSHA	OSHA PEL TWA [1]	590 mg/m ³
USA - OSHA	OSHA PEL TWA [2]	200 ppm

Additional information : Concentration measurement in air. Personal monitoring


8.2. Exposure controls

- Engineering measure(s) : Provide adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Eye wash bottle with pure water . Take precautionary measures against static discharge. Organisational measures to prevent /limit releases, dispersion and exposure : Reference to other sections 7.
- Personal protective equipment : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Materials for protective clothing : Neoprene. Nitrile rubber. Polyvinylchloride (PVC)
- Hand protection : Wear chemically resistant gloves (tested to EN374) . Short-term exposure (>30'). Penetration index 2 &. Long-term exposure (>480'). Penetration index 6 : NBR (Nitrile rubber) (>0,4 mm). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
- Eye protection : tightly fitting safety goggles. Wear eye protection
- Body protection : Wear suitable protective clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: A. (EN141)
- Environmental exposure controls : Do not allow to enter into surface water or drains. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : White.
- Odour : ester-like.

	SAFETY DATA SHEET	Page : 12 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting / freezing point	: No data available
Freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: -17 °C
Auto-ignition temperature	: 480 – 522 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: 10,33 kPa
Vapour density	: No data available
Relative density	: 0,85 – 0,95
Relative density of saturated gas/air mixture	: > 2,4 (20°C)
Solubility	: No additional information available. Water: Insoluble
Partition coefficient n-octanol/water	: No data available
Kinematic viscosity	: No data available
Dynamic viscosity	: 2000 – 3000 (Spindle 1 / 2,5 RPM / 20 °C)
Explosive properties	: Not applicable. Vapours may form explosive mixture with air.
Oxidising properties	: No additional information available.
Explosive limits	: LEL 1,9 vol % UEL 10,2 vol %
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available


9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: No data available
VOC content	: 73 – 75 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour. Reference to other sections 10.5.

	SAFETY DATA SHEET	Page : 13 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Direct sunlight. Handling and storage .
Reference to other sections 7:

10.5. Incompatible materials

plastics. water.

10.6. Hazardous decomposition products

Ethanol. Acetic acid. (Vapours). Burning produces noxious and toxic fumes. Hazardous decomposition products : COx.

SECTION 11: Toxicological information

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

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Ethyl acetate (141-78-6)	
LD50/oral/rat	5620 mg/kg
LD50/dermal/rabbit	> 5000 mg/kg
LC50/inhalation/4h/rat	> 22,5 mg/l (6h)
LC50/inhalation/4h/rat (ppm)	4000 ppm/4h
LD50, OECD 401, oral, rabbit	4934 mg/kg bw

butanone; ethyl methyl ketone (78-93-3)	
LD50/oral/rat	> 2000 mg/kg
LD50/dermal/rabbit	> 2000 mg/kg
LC50/inhalation/4h/rat	32 mg/l
LC50/inhalation/4h/rat (ppm)	11700 ppm/4h

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: No data available

Serious eye damage/irritation : Causes serious eye irritation.
pH: No data available

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)


STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Ethyl acetate (141-78-6)	
NOAEL (oral, rat, 90 days)	900 mg/kg bodyweight/day
NOAEC (inhalation, rat, vapour, 90 days)	350 ppm (94d, 6h/d, 5d/w)

butanone; ethyl methyl ketone (78-93-3)	
NOAEC (inhalation, rat, gas, 90 days)	2500 ppmv/6h/day 90d, 6h/d, 5d/wk

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

	SAFETY DATA SHEET	Page : 14 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

Vaebond Contact	
Kinematic viscosity	No data available

Other information : Symptoms related to the physical, chemical and toxicological characteristics :
Reference to other sections 4.2.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2 Other information

Other information : Symptoms related to the physical, chemical and toxicological characteristics :
:Reference to other sections 4.2

SECTION 12: Ecological information

12.1. Toxicity

Environmental properties : Ecological injuries are not known or expected under normal use. Information given is based on data on the components and the ecotoxicology of similar products.


Ecology - water : Do not allow material to contaminate ground water system.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Ethyl acetate (141-78-6)	
LC50 - Fish [1]	220 – 250 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	484 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 - Crustacea [1]	560 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 - Other aquatic organisms [1]	3300 mg/l (48 h - Desmodesmus subspicatus)
EC50 72h - Algae [1]	5600 mg/l (Desmodesmus subspicatus)
ErC50 algae	5600 mg/l (Desmodesmus subspicatus)
NOEC (additional information)	NOEC, algae 2000 mg/l (96h) Selenastrum capricornutum (OECD 201)

butanone; ethyl methyl ketone (78-93-3)	
LC50 - Fish [1]	> 2000 mg/l Pimephales promelas (fathead minnow)
EC50 - Crustacea [1]	> 300 mg/l Daphnia magna (Big water flea)
EC50 - Crustacea [2]	5091 mg/l (Exposure time: 48 h - Species: Daphnia magna)

	SAFETY DATA SHEET	Page : 15 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

12.2. Persistence and degradability

Vaebond Contact	
Persistence and degradability	CAS 141-78-6, CAS 78-93-3 : Readily biodegradable.
Ethyl acetate (141-78-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	69 % (20d)
butanone; ethyl methyl ketone (78-93-3)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

Vaebond Contact	
Partition coefficient n-octanol/water	No data available
Bioaccumulative potential	No additional information available.

Ethyl acetate (141-78-6)	
BCF - Fish [1]	30
Bioconcentration factor (BCF)	30 (Leuciscus idus, 30d)
Partition coefficient n-octanol/water	0,6
Bioaccumulative potential	Low potential.


butanone; ethyl methyl ketone (78-93-3)	
Partition coefficient n-octanol/water	0,3 (at 40 °C (at pH 7)
Bioaccumulative potential	Low potential.

12.4. Mobility in soil

Vaebond Contact	
Mobility in soil	This information is not available.
Ecology - soil	This information is not available.

12.5. Results of PBT and vPvB assessment

Vaebond Contact	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
Results of PBT assessment	The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

	SAFETY DATA SHEET	Page : 16 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

Component	
Ethyl acetate (141-78-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
butanone; ethyl methyl ketone (78-93-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Handle with care. Reference to other sections 7. Handling and storage . Do not allow to enter into surface water or drains. Dispose of contaminated materials in accordance with current regulations. Refer to manufacturer/supplier for information on recovery/recycling. Collect and dispose of waste product at an authorised disposal facility.


Additional information : Do not burn, or use a cutting torch on, the empty drum. Do not puncture or incinerate. Delivery to an approved waste disposal company.






European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : Classified as hazardous waste according to European Union regulations. The following Waste Codes are only suggestions:
08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances,
150110 - packaging containing residues of or contaminated by dangerous substances .
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1133	1133	1133	1133	1133
14.2. UN proper shipping name				
ADHESIVES	ADHESIVES	Adhesives	ADHESIVES	ADHESIVES
Transport document description				
UN 1133 ADHESIVES, 3, II, (D/E)	UN 1133 ADHESIVES, 3, II	UN 1133 Adhesives, 3, II	UN 1133 ADHESIVES, 3, II	UN 1133 ADHESIVES, 3, II


	SAFETY DATA SHEET	Page : 17 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

ADR	IMDG	IATA	ADN	RID
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user


Special precautions for user : Special Provision 640H

- Overland transport

Classification code (ADR) : F1
 Special provisions : 640D
 Limited quantities (ADR) : 5I
 Excepted quantities (ADR) : E2
 Packing instructions (ADR) : P001, IBC02, R001
 Special packing provisions (ADR) : PP1
 Mixed packing provisions (ADR) : MP19
 Portable tank and bulk container instructions (ADR) : T4
 Portable tank and bulk container special provisions (ADR) : TP1, TP8
 Tank code (ADR) : LGBF
 Vehicle for tank carriage : FL
 Transport category (ADR) : 2
 Special provisions for carriage - Operation (ADR) : S2, S20
 Hazard identification number (Kemler No.) : 33
 Orange plates : 
 Tunnel restriction code : D/E
 EAC code : •3YE

- Transport by sea

Limited quantities (IMDG) : 5 L
 Excepted quantities (IMDG) : E2
 Packing instructions (IMDG) : P001
 Special packing provisions (IMDG) : PP1
 IBC packing instructions (IMDG) : IBC02

	SAFETY DATA SHEET	Page : 18 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

Tank instructions (IMDG) : T4
 Tank special provisions (IMDG) : TP1, TP8
 EmS-No. (Fire) : F-E
 EmS-No. (Spillage) : S-D
 Stowage category (IMDG) : B
 Properties and observations (IMDG) : Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.

- Air transport

PCA Excepted quantities (IATA) : E2
 PCA Limited quantities (IATA) : Y341
 PCA limited quantity max net quantity (IATA) : 1L
 PCA packing instructions (IATA) : 353
 PCA max net quantity (IATA) : 5L
 CAO packing instructions (IATA) : 364
 CAO max net quantity (IATA) : 60L
 Special provisions (IATA) : A3
 ERG code (IATA) : 3L


- Inland waterway transport

Classification code (ADN) : F1
 Special provisions (ADN) : 640D
 Limited quantities (ADN) : 5 L
 Excepted quantities (ADN) : E2
 Equipment required (ADN) : PP, EX, A
 Ventilation (ADN) : VE01
 Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : F1
 Special provisions (RID) : 640D
 Limited quantities (RID) : 5L
 Excepted quantities (RID) : E2
 Packing instructions (RID) : P001, IBC02, R001
 Special packing provisions (RID) : PP1
 Mixed packing provisions (RID) : MP19
 Portable tank and bulk container instructions (RID) : T4
 Portable tank and bulk container special provisions (RID) : TP1, TP8
 Tank codes for RID tanks (RID) : LGBF
 Transport category (RID) : 2
 Colis express (express parcels) (RID) : CE7
 Hazard identification number (RID) : 33

14.7. Maritime transport in bulk according to IMO instruments

	SAFETY DATA SHEET	Page : 19 / 22
		Revision nr : 7.0
		Issue date : 31/03/2022
	Vaebond Contact	Supersedes : 05/02/2019

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Vaebond Contact ; Ethyl acetate ; butanone; ethyl methyl ketone
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Vaebond Contact ; Ethyl acetate ; butanone; ethyl methyl ketone
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Vaebond Contact ; Ethyl acetate ; butanone; ethyl methyl ketone

Contains no substance on the REACH candidate list


Contains no REACH Annex XIV substances

VOC content : 73 – 75 %

15.1.2. National regulations

France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
1435.3	3. Supérieur à 100 m3 d'essence ou 500 m3 au total, mais inférieur ou égal à 20 000 m3 Nota.-Les débits sont exprimés pour une température de gaz de 273,15 K à une pression de 101,325 kPa.	DC	
4330.text	Liquides inflammables de catégorie 1, liquides inflammables maintenus à une température supérieure à leur point d'ébullition, autres liquides de point éclair inférieur ou égal à 60° C maintenus à une température supérieure à leur température d'ébullition ou dans des conditions particulières de traitement, telles qu'une pression ou une température élevée (1).		
4330.1	La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant : 1. Supérieure ou égale à 10 t (1) Conformément à la section 2.6.4.5 de l'annexe I du règlement (CE) n° 1272/2008, il n'est pas nécessaire de classer les liquides ayant un point d'éclair supérieur à 35° C dans la catégorie 3 si l'épreuve de combustion entretenue du point L 2, partie III, section 32, du Manuel d'épreuves et de critères des Nations unies a donné des résultats négatifs. Toutefois, cette remarque n'est pas valable en cas de température ou de pression élevée, et ces liquides doivent alors être classés dans cette catégorie. Quantité seuil bas au sens de l'article R. 511-10 : 10 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 t.	A	2

	SAFETY DATA SHEET	Page : 20 / 22
		Revision nr : 7.0
	Vaebond Contact	Issue date : 31/03/2022
		Supersedes : 05/02/2019

4330.2	La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant : 2. Supérieure ou égale à 1 t mais inférieure à 10 t (1) Conformément à la section 2.6.4.5 de l'annexe I du règlement (CE) n° 1272/2008, il n'est pas nécessaire de classer les liquides ayant un point d'éclair supérieur à 35° C dans la catégorie 3 si l'épreuve de combustion entretenue du point L 2, partie III, section 32, du Manuel d'épreuves et de critères des Nations unies a donné des résultats négatifs. Toutefois, cette remarque n'est pas valable en cas de température ou de pression élevée, et ces liquides doivent alors être classés dans cette catégorie. Quantité seuil bas au sens de l'article R. 511-10 : 10 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 t.	DC	
4331.text	Liquides inflammables de catégorie 2 ou catégorie 3 à l'exclusion de la rubrique 4330. La quantité totale susceptible d'être présente dans les installations y compris dans les cavités souterraines étant :		
4331.1	1. Supérieure ou égale à 1000 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t.	A	2
4331.2	2. Supérieure ou égale à 100 t mais inférieure à 1000 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t.	E	
4331.3	3. Supérieure ou égale à 50 t mais inférieure à 100 t Quantité seuil bas au sens de l'article R. 511-10 : 5 000 t. Quantité seuil haut au sens de l'article R. 511-10 : 50 000 t.	DC	

Germany

Regulatory reference	: WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)
Risk classification according to VbF	: A I - Liquids with a flashpoint below 21°C
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)


Netherlands

Waterbezwaarlijkheid	: B (4) - Weinig schadelijk voor in het water levende organismen
Saneringsinspanningen	: B - Lozing minimaliseren; toepassen van best uitvoerbare technieken
SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed

Denmark

Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product

Norway

	SAFETY DATA SHEET	Page : 21 / 22
	Vaebond Contact	Revision nr : 7.0
		Issue date : 31/03/2022
		Supersedes : 05/02/2019

This safety datasheet has been prepared according to Norwegian legislation.

: FOR 2002-07-16 nr 1139: Forskrift om klassifisering, merking mv. av farlige kjemikalier; Forskrift om klassifisering, merking og emballering av stoffer og stoffblandinger (CLP); FOR 2008-05-30 nr 516: Forskrift om registrering, vurdering, godkjenning og begrensning av kjemikalier (REACH-forskriften)

Switzerland

WGK CH

: 2

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out

For the following substances of this mixture a chemical safety assessment has been carried out
Ethyl acetate butanone; ethyl methyl ketone

SECTION 16: Other information


Indication of changes:

Safety datasheet sections which have been updated : 1-2-3-4-5-7-8-9-10-11-12-14-15-16.

1	SDS Version (obsolete)	Modified	
1	Issue date	Modified	
2.3	ED	Modified	
3.2	Composition	Modified	
7.2	Storage temperature	Added	
9.1	Relative density	Modified	
9.2	Information with regard to physical hazard classes	Added	
9.2	Other safety characteristics	Added	
11.2	Adverse health effects caused by endocrine disrupting properties	Added	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	
12.7	Other adverse effects	Added	
14.7	Maritime transport in bulk according to IMO instruments	Added	
16	Other information	Modified	

Abbreviations and acronyms:

ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods Code
LEL = Lower Explosive Limit/Lower Explosion Limit
UEL = Upper Explosion Limit/Upper Explosive Limit
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
LD50 = Median lethal dose
LC50 = Median lethal concentration
EC50 = Median Effective Concentration

	SAFETY DATA SHEET	Page : 22 / 22
	Vaebond Contact	Revision nr : 7.0
		Issue date : 31/03/2022
		Supersedes : 05/02/2019

	TLV = Threshold limits
	TWA = time weighted average
	STEL = Short term exposure limit
	persistent, bioaccumulating and toxic (PBT).
	vPvB = very persistent and very bioaccumulating
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the datasheet : ECHA (European Chemicals Agency). Name (SDS) : NITRIKOL 2020. Manufacturer/Supplier : Fourny (Belgium). Revision date : 30-5-2016.

Training advice : Manipulations are to be done only by qualified and authorised persons. Training staff on good practice.

Other information : Assessment/classification. CLP, Calculation method, Article 9. Physicochemical hazard assessment: Information given is based on tests on the mixture itself.

Full text of H- and EUH-statements:

EUH066	Repeated exposure may cause skin dryness or cracking.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.