

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

1.1. Product identifier

Product form : Mixture
Trade name : Bloem Tixoroof

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

Relevant identified uses

Main use category : Professional use

1.3. Details of the supplier of the safety data sheet

Bloem Sealants BV
Westvlietweg 69
P.O. Box 24058
NL 2495 Den Haag
The Netherlands
T +31 (0)70 329 66 01
info@bloemsealants.com, www.bloemsealants.com

1.4. Emergency telephone number

Emergency number : +31 (0)70 329 66 01
Only available during office hours.

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226
Hazardous to the aquatic environment – Chronic Hazard, H412
Category 3
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

CLP Signal word : Warning
Hazard statements (CLP) : Flammable liquid and vapour.
Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves, protective clothing, eye protection, face protection.

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IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

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

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic, Hydrocarbons, C9, aromatic
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic, Hydrocarbons, C9, aromatic

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 substance(s) are 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 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Bitumen substance with a Community workplace exposure limit	CAS-No.: 8052-42-4 EC-No.: 232-490-9 REACH-no: 01-2119480172-44	$\geq 25 - < 50$	Not classified
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic	EC-No.: 919-857-5 REACH-no: 01-2119463258-33	$\geq 10 - < 25$	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 EUH066
Organoclay substance with a Community workplace exposure limit	-	$\geq 5 - < 25$	Not classified
Hydrocarbons, C9, aromatic substance with a Community workplace exposure limit	EC-No.: 918-668-5 REACH-no: 01-2119455851-35	$\geq 2.5 - < 10$	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066
propylene carbonate	CAS-No.: 108-32-7 EC-No.: 203-572-1 EC Index-No.: 607-194-00-1 REACH-no: 01-2119537232-48	$\geq 1 - < 5$	Eye Irrit. 2, H319
Talloil fatty acids	CAS-No.: 68910-93-0 EC-No.: 272-756-1 REACH-no: 01-2119492544-31	$\geq 0.1 - < 1$	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

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

Symptoms/effects	: If you feel unwell, seek medical advice.
Symptoms/effects after skin contact	: Remove/Take off immediately all contaminated clothing. IF ON SKIN: Wash with plenty of water/....
Symptoms/effects after eye contact	: Splashes in the eyes may cause irritation and reversible local damage. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart.
Symptoms/effects after ingestion	: Seek a medical assistance, even if there are no immediate symptoms.

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 fog. Carbon dioxide. Foam. Powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: May release poisonous gases/liquids.
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5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area.
Firefighting instructions	: Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
Protection during firefighting	: Self-contained breathing apparatus. Complete protective clothing. Do not attempt to take action without suitable protective equipment.
Other information	: Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Eliminate every possible source of ignition. No naked flames, sparks, and do not smoke.
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For non-emergency personnel

Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene. Do not get in eyes, on skin, or on clothing. Notify police and fire brigade as soon as possible.
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For emergency responders

Protective equipment	: Equip cleanup crew with proper protection. Do not attempt to take action without suitable protective equipment.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Not in groundwater, surfacewater or sewerage. Notify authorities if product enters sewers or public waters. Collect spillage.

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6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Eliminate all ignition sources if safe to do so. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharge. Protect from heat and direct sunlight.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Use only non-sparking tools. Take precautionary measures against static discharge.
- Storage conditions : Keep cool. Store in a well-ventilated place. Store in a closed container.
- Storage area : Protect from heat and direct sunlight.

7.3. Specific end use(s)

see information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Bitumen (8052-42-4)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	21 mg/m ³
	15 ppm
Organoclay	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	10 mg/m ³
Hydrocarbons, C9, aromatic	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	100 mg/m ³
	19 ppm

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:

Gloves. Protective goggles.

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Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

In case of risky circumstances: safety glasses or face shield

Skin protection

Skin and body protection:

Wear protective clothing

Hand protection:

Nitrile-rubber protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	5 (> 240 minutes)	≥0.38		

Respiratory protection

Respiratory protection:

Ventilation, local exhaust, or breathing protection

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Black.
Appearance	: Paste.
Odour	: petroleum-like odour.
Odour threshold	: Not determined.
Melting point	: Does not apply
Freezing point	: Not applicable
Boiling point	: 154 – 193 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics
Flammability	: 237 °C Ignition temperature
Explosive properties	: May form flammable/explosive vapour-air mixture.
Lower explosion limit	: 0.5 vol % bitumen
Upper explosion limit	: 6 vol % Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics
Flash point	: 41 °C Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics
Auto-ignition temperature	: Could burn but do not ignite readily
Decomposition temperature	: Not available
pH	: Insoluble in water
Viscosity, kinematic	: 750000 mm ² /s
Viscosity, dynamic	: 900000 mPa·s
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 2 hPa Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics
Vapour pressure at 50°C	: Not available
Density	: 1.2 g/cm ³ at 20 °C
Relative density	: Not available
Relative vapour density at 20°C	: Not available

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Particle characteristics : Not applicable

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic	
Boiling point	130 – 210 °C
Flash point	> 36 °C
Auto-ignition temperature	> 200 °C
Vapour pressure	0.3 kPa at 20 °C

Hydrocarbons, C9, aromatic	
Boiling point	165 – 180 °C Atm. press.: 1 atm Decomposition: 'no'
Flash point	51 °C Atm. press.: 1 atm
Vapour pressure	0.2 kPa Temp.: 20 °C

9.2. Other information

Other safety characteristics

VOC content : 200 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No supplementary information available.

10.2. Chemical stability

No dangerous reactions known under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available.

10.4. Conditions to avoid

All heat sources, including direct sunlight.

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

fume. Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

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

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

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic	
LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rabbit	> 5000 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	> 5000 mg/m ³ (OECD 403 method)

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Hydrocarbons, C9, aromatic	
LD50 oral rat	3592 mg/kg (OECD 401 method)
LD50 dermal rabbit	> 3160 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	> 6193 mg/l/4h (OECD 403 method)

propylene carbonate (108-32-7)	
LD50 oral rat	33520 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation	: Not classified pH: Insoluble in water
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified pH: Insoluble in water
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic	
STOT-single exposure	May cause drowsiness or dizziness.

Hydrocarbons, C9, aromatic	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met

Hydrocarbons, C9, aromatic	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

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

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Viscosity, kinematic	750000 mm ² /s

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic	
Viscosity, kinematic	0.8 – 2.1 mm ² /s at 20 °C

Hydrocarbons, C9, aromatic	
Viscosity, kinematic	1.06 mm ² /s Temp.: '20°C' Parameter: 'cStcSt'

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No ecotoxicological data about this product are known.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic

LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	1000 mg/l
ErC50 algae	> 1000 mg/l
NOEC chronic algae	100 mg/l

Hydrocarbons, C9, aromatic

LC50 - Fish [1]	96 h 9.2 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)
EC50 - Crustacea [1]	48 h 3.2 mg/l <i>Daphnia Magna</i>
EC50 72h - Algae [1]	1 mg/l <i>Pseudokirchneriella subcapitata</i>
EC50 72h - Algae [2]	0.29 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>)
ErC50 algae	<i>Pseudokirchneriella subcapitata</i>
NOEC chronic algae	72 h 1 mg/l <i>Pseudokirchneriella subcapitata</i>

propylene carbonate (108-32-7)

LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l (OECD 202 method)
EC50 72h - Algae [1]	> 900 mg/l (OECD 201 method)
NOEC chronic algae	900 mg/l

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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Bitumen (8052-42-4)

Persistence and degradability	Rapidly degradable
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Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic

Persistence and degradability	Readily biodegradable, according to appropriate OECD test.
Biodegradation	28d 80 %

Organoclay

Persistence and degradability	Not rapidly degradable
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Hydrocarbons, C9, aromatic

Persistence and degradability	Readily biodegradable.
Biodegradation	28 d 78 %

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propylene carbonate (108-32-7)	
Persistence and degradability	Readily biodegradable.
Biodegradation	83.5 – 87.7 % (OECD 301B method)
Talloil fatty acids (68910-93-0)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

Hydrocarbons, C9, aromatic	
Bioaccumulative potential	Not determined.
propylene carbonate (108-32-7)	
Partition coefficient n-octanol/water (Log Pow)	-0.5
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

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Ecology - soil	No supplementary information available.
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic	
Ecology - soil	Highly volatile product.
Hydrocarbons, C9, aromatic	
Ecology - soil	Highly volatile product.

12.5. Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic, Hydrocarbons, C9, aromatic
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic, Hydrocarbons, C9, aromatic

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Other adverse effects : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations : Disposal must be done according to official regulations. Do not dispose of waste into sewer.
Additional information : Flammable vapours may accumulate in the container. Clean up even minor leaks or spills if possible without unnecessary risk.
Ecological waste information : Avoid release to the environment.
European List of Waste (LoW, EC 2000/532) : 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances






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SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1268	UN 1268	UN 1268	UN 1268	UN 1268
14.2. UN proper shipping name				
PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic)	PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic)	Petroleum distillates, n.o.s. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic)	PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic)	PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic)
Transport document description				
UN 1268 PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic), 3, III, (D/E)	UN 1268 PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic), 3, III	UN 1268 Petroleum distillates, n.o.s. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic), 3, III	UN 1268 PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic), 3, III	UN 1268 PETROLEUM DISTILLATES, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclic, <2% aromatic ; Hydrocarbons, C9, aromatic), 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-E EmS-No. (Spillage): S-E	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
Transport in accordance with section 2.2.3.1.5 of the ADR (viscous substance) may be applied, Transport in accordance with section 2.2.3.1.5 of the ADN (viscous substance) may be applied, Transport in accordance with section 2.2.3.1.5 of the RID (viscous substance) may be applied, Transport in accordance with section 2.3.2.5 of the IMDG (viscous substance) may be applied				

14.6. Special precautions for user

Overland transport

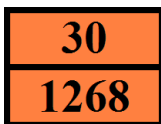
Classification code (ADR)	: F1
Special provisions (ADR)	: 664
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBF

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Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2
Hazard identification number (Kemler No.) : 30
Orange plates :



Tunnel restriction code (ADR) : D/E
EAC code : 3Y

Transport by sea

Special provisions (IMDG) : 223, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
Stowage category (IMDG) : A
Properties and observations (IMDG) : Immiscible with water.

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : F1
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions (RID) : TP1, TP29
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

VOC Directive (2004/42)

VOC content : 200 g/l

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No supplementary information available

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

Hydrocarbons, C9, aromatic

SECTION 16: Other information

Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.

Bloem Tixorroof

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. 3	H226	On basis of test data
Aquatic Chronic 3	H412	Calculation method

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.