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

1.1. Product identifier

Product form : Mixture

Name : Terebine Driers

Product code : POTDGEN

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

1.2.1. Relevant identified uses

Main use category : Consumer use,Professional use,Industrial use

Use of the substance/mixture : Inorganic salt(s) used to speed up the drying time of most conventional air drying paints.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Barrettine
Barrettine Works
St Ivel Way
Warmley
Bristol
BS30 8TY

Tel: +44 (0) 1179 600060 Office hours only 8am–5pm Mon–Thurs. 8am-4.30pm Fri
Fax: +44 (0) 1179 352437
Email: sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency number : +44 (0) 1270 502891 (Out of Office Hours Emergency Number)

Country	Organisation/Company	Address	Emergency number
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
UNITED KINGDOM	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flam. Liq. 3 H226
Skin Sens. 1 H317
STOT SE 3 H336
Asp. Tox. 1 H304
Aquatic Chronic 3 H412

Full text of H-statements: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xn; R65
R43
R10
R66
R67
R52/53

Full text of R-phrases: 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 GHS07 GHS08

Signal word (CLP) : Danger

Hazardous ingredients : cobalt(II) 2-ethylhexanoate, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)

Hazard statements (CLP) : H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H317 - May cause an allergic skin reaction
H336 - May cause drowsiness or dizziness
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233 - Keep container tightly closed
P261 - Avoid breathing fume, vapours, mist, spray
P271 - Use only outdoors or in a well-ventilated area

P501 - Dispose of contents/container in accordance with local/national/international regulations

EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)	(CAS No) 64742-48-9. (EC no) 919-857-5 (REACH-no) 01-2119463258-33-XXXX	>= 80	Xn; R65 R66 R10 R67
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC no) 918-481-9	1 - 5	Xn; R65
2-ethylhexanoic acid, zirconium salt	(CAS No) 22464-99-9 (EC no) 245-018-1 (REACH-no) 01-2119979088-21-XXXX	1 - 5	Repr.Cat.3; R63
cobalt(II) 2-ethylhexanoate	(CAS No) 136-52-7 (EC no) 205-250-6 (REACH-no) 01-2119524678-29-XXXX	1 - 5	Repr.Cat.3; R62 Xi; R36 N; R50/53 R43
2-ethyl hexanoic acid substance with national workplace exposure limit(s) (BE, ES, IE, IT, PT)	(CAS No) 149-57-5 (EC no) 205-743-6 (EC index no) 607-230-00-6	< 1	Repr.Cat.3; R63

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)	(CAS No) 64742-48-9. (EC no) 919-857-5 (REACH-no) 01-2119463258-33-XXXX	>= 80	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC no) 918-481-9	1 - 5	Asp. Tox. 1, H304

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-ethylhexanoic acid, zirconium salt	(CAS No) 22464-99-9 (EC no) 245-018-1 (REACH-no) 01-2119979088-21-XXXX	1 - 5	Repr. 2, H361d
cobalt(II) 2-ethylhexanoate	(CAS No) 136-52-7 (EC no) 205-250-6 (REACH-no) 01-2119524678-29-XXXX	1 - 5	Eye Irrit. 2, H319 Skin Sens. 1, H317 Repr. 2, H361f Aquatic Acute 1, H400 Aquatic Chronic 3, H412
2-ethyl hexanoic acid substance with national workplace exposure limit(s) (BE, ES, IE, IT, PT)	(CAS No) 149-57-5 (EC no) 205-743-6 (EC index no) 607-230-00-6	< 1	Repr. 2, H361d

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : Wash with plenty of soap and water. If skin irritation or rash occurs: Gently wash with plenty of soap and water. Get medical advice/attention. Wash contaminated clothing before reuse. Repeated exposure may cause skin dryness or cracking. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Symptoms/injuries after inhalation : May cause an allergic skin reaction. May cause drowsiness or dizziness.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing fume, vapours.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if substance enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing fume, Vapours.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof Flame proof, lighting, electrical equipment and ventilation equipment.

Storage conditions : Keep container tightly closed. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat and ignition sources.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-ethyl hexanoic acid (149-57-5)		
Belgium	Local name	Acide 2-éthylhexanoïque (vapeur et aérosol)
Belgium	Limit value (mg/m³)	5 mg/m³
Ireland	Local name	Ethyl hexanoic acid
Ireland	OEL (8 hours ref) (mg/m³)	4 mg/m³
Portugal	Local name	Ácido 2-etil-hexanóico
Portugal	OEL TWA (mg/m³)	5 mg/m³
Spain	Local name	Acido 2-etilhexanoico
Spain	VLA-ED (mg/m³)	5 mg/m³
USA - ACGIH	Local name	2-Ethylhexanoic acid
USA - ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
USA - ACGIH	Remark (ACGIH)	Teratogenic eff

cobalt(II) 2-ethylhexanoate (136-52-7)		
United Kingdom	WEL TWA (mg/m³)	0,1 mg/m³

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)		
EU	IOELV TWA (mg/m³)	1000 mg/m³ 8h
Poland	Local name	Benzyna do lakierów
Poland	NDS (mg/m³)	300 mg/m³
Poland	NDSCh (mg/m³)	900 mg/m³
Switzerland	Local name	Naphta* lourd (pétrole), hydro-traité
Switzerland	VME (mg/m³)	300 mg/m³
Switzerland	VME (ppm)	50 ppm
Switzerland	VLE (mg/m³)	600 mg/m³

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)		
Switzerland	VLE (ppm)	100 ppm
Switzerland	Remark (CH)	4x15*

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics		
Poland	Local name	Benzyna do lakierów
Poland	NDS (mg/m³)	300 mg/m³
Poland	NDSCh (mg/m³)	900 mg/m³
Switzerland	Local name	Naphta* lourd (pétrole), hydro-traité
Switzerland	VME (mg/m³)	300 mg/m³
Switzerland	VME (ppm)	50 ppm
Switzerland	VLE (mg/m³)	600 mg/m³
Switzerland	VLE (ppm)	100 ppm
Switzerland	Remark (CH)	4x15*

8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation.

Personal protective equipment : Protective goggles. Gloves.

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or safety glasses

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Dark. Blue.

Odour : Characteristic.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : 180 - 217 °C

Flash point : 40 °C

Auto-ignition temperature : 255 - 270 °C

Decomposition temperature : No data available

Flammability (solid, gas) : Flammable liquid and vapour

Vapour pressure : 0,1 mbar

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 0,784 g/ml

Solubility : Insoluble in water.

Log Pow : No data available

Viscosity, kinematic : 2 cSt

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

2-ethyl hexanoic acid (149-57-5)	
LD50 oral rat	2043 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)

cobalt(II) 2-ethylhexanoate (136-52-7)	
LD50 oral rat	3129 mg/kg bodyweight (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Weight of evidence; OECD 402: Acute Dermal Toxicity)

Skin corrosion/irritation	:	Not classified Repeated exposure may cause skin dryness or cracking
Serious eye damage/irritation	:	Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
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
Specific target organ toxicity (single exposure)	:	May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	:	Not classified Based on available data, the classification criteria are not met
Aspiration hazard	:	May be fatal if swallowed and enters airways.

Terebine Driers	
Viscosity, kinematic	2 mm²/s

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

2-ethyl hexanoic acid (149-57-5)	
LC50 fish 1	180 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Nominal concentration)
EC50 Daphnia 1	85,4 mg/l (48 h; Daphnia magna; Nominal concentration)
Threshold limit algae 1	61 mg/l (72 h; Scenedesmus subspicatus)
Threshold limit algae 2	49,3 mg/l (72 h; Desmodesmus subspicatus; Growth rate)

cobalt(II) 2-ethylhexanoate (136-52-7)	
LC50 fish 1	54,1 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 1	2618 µg/l (48 h)
Threshold limit algae 1	24,1 µg/l (7 days)
Threshold limit algae 2	90,1 µg/l (7 days; Lemna minor; Growth rate)

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)	
LC50 fish 1	> 1000 mg/l (Pisces)
EC50 Daphnia 1	> 1000 mg/l (Daphnia magna)
LC50 fish 2	> 100 mg/l (Pisces)
EC50 Daphnia 2	> 100 mg/l (Crustacea)
Threshold limit algae 1	> 1000 mg/l (Algae)
Threshold limit algae 2	> 100 mg/l (Algae)

12.2. Persistence and degradability

Terebine Driers	
Persistence and degradability	May cause long-term adverse effects in the environment.

2-ethyl hexanoic acid (149-57-5)	
Persistence and degradability	Readily biodegradable in water. Inherently biodegradable. Biodegradable in soil. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	1,2 g O_2/g substance
Chemical oxygen demand (COD)	2,113 - 2,24 g O_2/g substance

cobalt(II) 2-ethylhexanoate (136-52-7)	
Persistence and degradability	Biodegradability in water: no data available.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)	
Persistence and degradability	Readily biodegradable in water. Biodegradability in soil: no data available. Adsorbs into the soil. Low potential for Mobility in soil. Photooxidation in the air.

12.3. Bioaccumulative potential

Terebine Driers	
Bioaccumulative potential	Not established.

2-ethyl hexanoic acid (149-57-5)	
Log Pow	2,64 (Experimental value; 2.7; Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 25 °C)
Bioaccumulative potential	Low bioaccumulation potential (Log Kow < 4).

cobalt(II) 2-ethylhexanoate (136-52-7)	
Bioaccumulative potential	Bioaccumulation: No data available.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)	
Bioaccumulative potential	bioaccumulable.

12.4. Mobility in soil

2-ethyl hexanoic acid (149-57-5)	
Surface tension	0,0286 N/m (20 °C; 0.0274 N/m; 40 °C)

cobalt(II) 2-ethylhexanoate (136-52-7)	
Surface tension	0,064 N/m (20 °C; 1 g/l)

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)	
Surface tension	0,026 N/m (20 °C)

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a licensed waste centre in accordance with local/regional/national/international regulations.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

European List of Waste (LoW) code : 20 01 13* - solvents

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 1263

UN-No. (IMDG) : 1263

UN-No. (IATA) : 1263

UN-No. (ADN) : 1263

UN-No. (RID) : 1263

14.2. UN proper shipping name

Proper Shipping Name (ADR) : PAINT RELATED MATERIAL

Proper Shipping Name (IMDG) : PAINT RELATED MATERIAL

Proper Shipping Name (IATA) : Paint

Proper Shipping Name (ADN) : PAINT RELATED MATERIAL

Proper Shipping Name (RID) : PAINT RELATED MATERIAL

Transport document description (ADR) : UN 1263 PAINT RELATED MATERIAL (CONTAINS cobalt(II) 2-ethylhexanoate(136-52-7) ; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)(64742-48-9.)), 3, III, (D/E)

Transport document description (IMDG) : UN 1263 PAINT RELATED MATERIAL, 3, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3

Danger labels (ADR) : 3

:

IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3

:

IATA

Transport hazard class(es) (IATA) : 3

Hazard labels (IATA) : 3

:

ADN

Transport hazard class(es) (ADN) : 3

Danger labels (ADN) : 3

:

RID

Transport hazard class(es) (RID) : 3

Danger labels (RID) : 3

:

14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : III

Packing group (RID) : III

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : F1

Special provisions (ADR) : 163, 640E, 650

Limited quantities (ADR) : 5l

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T2

Portable tank and bulk container special provisions (ADR) : TP1, TP29

Tank code (ADR) : LGBF

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	:	•3YE

14.6.2. Transport by sea

Special provisions (IMDG)	:	163, 223, 955
Limited quantities (IMDG)	:	5 L
Excepted quantities (IMDG)	:	E1
Packing instructions (IMDG)	:	P001, LP01
Special packing provisions (IMDG)	:	PP1
IBC packing instructions (IMDG)	:	IBC03
Tank instructions (IMDG)	:	T2
Tank special provisions (IMDG)	:	TP1, TP29
EmS-No. (Fire)	:	F-E
EmS-No. (Spillage)	:	S-E
Stowage category (IMDG)	:	A

14.6.3. 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, A72
ERG code (IATA)	:	3L

14.6.4. Inland waterway transport

Classification code (ADN)	:	F1
Special provisions (ADN)	:	163, 64E, 65
Limited quantities (ADN)	:	5 L
Excepted quantities (ADN)	:	E1
Equipment required (ADN)	:	PP, EX, A
Ventilation (ADN)	:	VE01
Number of blue cones/lights (ADN)	:	0
Carriage prohibited (ADN)	:	No
Not subject to ADN	:	No

14.6.5. Rail transport

Classification code (RID)	:	F1
Special provisions (RID)	:	163, 640E, 650
Limited quantities (RID)	:	5L
Excepted quantities (RID)	:	E1
Packing instructions (RID)	:	P001, IBC03, LP01, R001
Special packing provisions (RID)	:	PP1
Mixed packing provisions (RID)	:	MP19
Portable tank and bulk container instructions (RID)	:	T2
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
Carriage prohibited (RID)	:	No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Terebine Driers - 2-ethyl hexanoic acid - Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)
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	Terebine Driers - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)
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	Terebine Driers - cobalt(II) 2-ethylhexanoate - Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)
3.c. 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 class 4.1	Terebine Driers - cobalt(II) 2-ethylhexanoate
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.	Terebine Driers - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

Water hazard class (WGK)	:	3 - severe hazard to waters
WGK remark	:	Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources	:	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
Other information	:	None.

Full text of R-, H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
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
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H361d	Suspected of damaging the unborn child
H361f	Suspected of damaging fertility
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R36	Irritating to eyes
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R62	Possible risk of impaired fertility
R63	Possible risk of harm to the unborn child
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU_NSC

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.