

# Safety Data Sheet

according to The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020

Date: 6/18/2021 Revision date: 6/18/2021 Supersedes version of: 4/08/2021 Version: 2.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : TIPP-EX® RAPID
UFI : WCMR-FK0Q-000T-Y67M

Product code : WQ-7

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

#### 1.2.1. Relevant identified uses

Intended for general public

Use of the substance/mixture : Correction fluid

#### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

#### Supplier

BIC U.K. Limited Chaplin House, Widewater Place, Moorhall Road Harefield UB96NS - United Kingdom T +44 (0)1895 827152

albertus.fischer@bicworld.com

#### 1.4. Emergency telephone number

Country	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 London	+44 20 7188 7188	

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

# Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020

 Flam. Liq. 2
 H225

 Skin Irrit. 2
 H315

 Skin Sens. 1
 H317

 STOT SE 3
 H336

 Aquatic Chronic 2
 H411

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Vapours may cause drowsiness and dizziness. Toxic to aquatic life with long lasting effects.

# 2.2. Label elements

Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020

Hazard pictograms







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GHS02 GHS07 GHS09

Signal word : Danger

Contains : Hydrocarbons, C7-C9, isoalkanes; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; Fatty

acids, C18-unsatd., dimers, reaction products with N.N-dimethyl-1,3-propanediamine and

1,3-propanediamine

Hazard statements : H225 - Highly flammable liquid and vapour.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements : P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P261 - Avoid breathing vapours.
P273 - Avoid release to the environment.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

EUH-statements : EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not

breathe spray or mist.

Labelling according to: exemption for packages of a capacity of 125ml or less

Hazard pictograms :







GHS02

Signal word : Danger

Hazardous ingredients : Hydrocarbons, C7-C9, isoalkanes; Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics; Fatty

acids, C18-unsatd., dimers, reaction products with N.N-dimethyl-1,3-propanediamine and

1,3-propanediamine

Hazard statements : H317 - May cause an allergic skin reaction.

H336 - May cause drowsiness or dizziness.

Precautionary statements : P261 - Avoid breathing vapours.

EUH-statements : EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not

breathe spray or mist.

#### 2.3. Other hazards

No additional information available

# **SECTION 3: Composition/information on ingredients**

# 3.1. Substances

Not applicable

# 3.2. Mixtures

Name	Product identifier	%	Classification according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020
Titanium dioxide substance with national workplace exposure limit(s) (GB)	(CAS-No.) 13463-67-7 (EC-No.) 236-675-5	< 50	Not classified
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	(EC-No.) 927-510-4	30 - 40	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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Hydrocarbons, C7-C9, isoalkanes	(EC-No.) 921-728-3	5 – 10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Fatty acids, C18-unsatd., dimers, reaction products with N.N-dimethyl-1,3-propanediamine and 1,3-propanediamine	(CAS-No.) 162627-17-0 (EC-No.) 605-296-0	0,5 - 1	Skin Sens. 1A, H317
1-methoxy-2-propanol substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	(CAS-No.) 107-98-2 (EC-No.) 203-539-1 (EC Index-No.) 603-064-00-3	< 0,5	Flam. Liq. 3, H226 STOT SE 3, H336
Stoddard solvent (Note P)	(CAS-No.) 8052-41-3 (EC-No.) 232-489-3 (EC Index-No.) 649-345-00-4	< 0,5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
carbon black substance with national workplace exposure limit(s) (GB)	(CAS-No.) 1333-86-4 (EC-No.) 215-609-9	< 0,1	Not classified
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) substance with a Community workplace exposure limit	(EC-No.) 919-446-0	< 0,01	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.

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

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air. If the

person feels unwell: Call a POISON CENTER/doctor.

First-aid measures after skin contact : Take off contaminated clothing and wash it before reuse. Wash immediately with plenty of

soap and water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. If

irritation persists, consult an eye specialist.

First-aid measures after ingestion : Do not induce vomiting. Seek medical advice (show the label where possible).

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

Symptoms/effects after inhalation : Drowsiness. Giddiness.

Symptoms/effects after skin contact : Irritation. Redness. Pain. May cause an allergic skin reaction.

#### 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. Powder. Carbon dioxide (CO2).

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#### 5.2. Special hazards arising from the substance or mixture

**Explosion hazard** : The vapours are denser than air and may travel along the ground. Distance ignition

possible.

Hazardous decomposition products in case of fire On heating or during combustion: Toxic vapours may be released. Carbon oxides (CO,

CO2). Various hydrocarbon fragments.

#### 5.3. Advice for firefighters

Precautionary measures fire : Evacuate the danger area. Cool down the containers exposed to heat with a water spray.

Contain the extinguishing fluids by bunding (the product is hazardous for the environment).

Protection of fire-fighters : Do not attempt to take action without suitable protective equipment. Complete protective

clothing. Self-contained breathing apparatus.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes. Do not breathe vapours, mist, spray. No flames, no

> sparks. Eliminate all sources of ignition. Do not smoke. In case of important spillage: Mark out the contaminated area with signs and prevent access to unauthorized personnel. Prevent the product from entering drains or confined areas. Ventilate spillage area. Stop

leak if safe to do so. Use only non-sparking tools.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Contain the spilled material by bunding (product is hazardous for the environment). Do not discharge into drains or rivers.

# 6.3. Methods and material for containment and cleaning up

For containment : Absorb spillage with: inert absorbent material. Sand/earth.

Methods for cleaning up Sweep up or vacuum up the product.

Other information Dispose of contaminated materials in accordance with current regulations.

#### 6.4. Reference to other sections

For further information refer to section 13.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Precautions for safe handling : Vapour exhaust preferably at emission point. Use explosion-proof equipment. Use non-

> sparking tools. Avoid contact with skin and eyes. Do not breathe vapours, mist, spray. No flames, no sparks. Eliminate all sources of ignition. Smoking is forbidden. Take precautionary measures against static discharges. Do not overheat the product.

: Do not drink, eat or smoke in the workplace. Always wash hands after handling the product. Hygiene measures

# 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : The floor of the depot must be impermeable, non-combustible and designed to form a basin,

in order that stored flammable liquids should not, under any circumstances, be released outside. Ground/bond container and receiving equipment.

Storage conditions : Store in a cool, well-ventilated place. Keep container tightly closed. Avoid ignition sources.

Keep away from naked flames/heat.

Incompatible materials : Strong oxidizing agents. Oxidizing materials.

Packaging materials : Store in original container.

#### 7.3. Specific end use(s)

No additional information available

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# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

Titanium dioxide (13463-67-7)	
United Kingdom - Occupational Exposure Limits	
Local name	Titanium dioxide
WEL TWA (OEL TWA) [1]	4 mg/m³ respirable 10 mg/m³ total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	White spirit Type 1
IOEL TWA	116 mg/m³
IOEL STEL	290 mg/m³
IOEL STEL [ppm]	50 ppm
Notes	Skin. (Year of adoption 2007)
Regulatory reference	SCOEL Recommendations

carbon black (1333-86-4)	
United Kingdom - Occupational Exposure Limits	
Local name	Carbon black
WEL TWA (OEL TWA) [1]	3.5 mg/m³
WEL STEL (OEL STEL)	7 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

1-methoxy-2-propanol (107-98-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	1-Methoxypropanol-2	
IOEL TWA	375 mg/m³	
IOEL TWA [ppm]	100 ppm	
IOEL STEL	568 mg/m³ 568 mg/m³	
IOEL STEL [ppm]	150 ppm 150 ppm	
Notes	Skin Skin	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC COMMISSION DIRECTIVE 2000/39/EC	
United Kingdom - Occupational Exposure Limits		
Local name	1-Methoxypropan-2-ol	
WEL TWA (OEL TWA) [1]	375 mg/m³	
WEL TWA (OEL TWA) [2]	100 ppm	
WEL STEL (OEL STEL)	560 mg/m³	

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1-methoxy-2-propanol (107-98-2)	
WEL STEL (OEL STEL) [ppm]	150 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Extraction to remove vapours at their source.

#### Hand protection:

Nitrile-rubber protective gloves. Protective gloves made of PVA. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. Breakthrough time: refer to the recommendations of the supplier

#### Eye protection:

Safety glasses

#### Respiratory protection:

If vapour is released: Aerosol filter type A

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : white.
Odour : Solvent.

Odour threshold : No data available pH : Not applicable Relative evaporation rate (butylacetate=1) : No data available Melting point : No data available Freezing point : No data available

Boiling point : 94 – 98 °C (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)

Flash point : < 0 °C

Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : No data available Density : 1.16 g/cm<sup>3</sup> Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Viscosity, kinematic : 189.3 mm<sup>2</sup>/s

Viscosity, dynamic : 220 cP (NF EN ISO 2884-2)

Explosive properties : No data available
Oxidising properties : Non oxidizing.
Explosive limits : No data available

# 9.2. Other information

No additional information available

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# SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Highly flammable liquid and vapour.

# 10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

#### 10.3. Possibility of hazardous reactions

Flammable or explosive vapour/air mixtures may be formed.

# 10.4. Conditions to avoid

Heat. Sparks. Open flame. Ignition sources.

#### 10.5. Incompatible materials

Strong oxidizing agents. Strong reducing agents.

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

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, C7-C9, isoalkanes	
LD50 oral rat	> 7000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat [ppm]	> 5.04 ppm/4h

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	3160 mg/kg
LC50 Inhalation - Rat	> 12 mg/l/6h

Titanium dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg (OECD 425 method)
LD50 dermal rabbit	> 10000 mg/kg
LC50 Inhalation - Rat	> 3.56 mg/l/4h

carbon black (1333-86-4)	
LD50 oral rat	> 10000 mg/kg

1-methoxy-2-propanol (107-98-2)	
LD50 oral rat	3503 – 4915 mg/kg
LD50 dermal rat	> 2000 mg/kg

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LC50 Inhalation - Rat [ppm]	> 7000 ppm (6 Hours)
Skin corrosion/irritation	: Causes skin irritation. pH: Not applicable
Serious eye damage/irritation	<ul> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>pH: Not applicable</li> </ul>
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)
Additional information	: Titanium dioxide (powder) is listed as being potentially carcinogenic (group 2B) by the IARC, based on studies on animals
	However, studies on human epidemiology do not suggest links between the occupational exposure to titanium dioxide and the risk of cancer
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)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
TIPP-EX® RAPID	
Viscosity, kinematic	189.3 mm²/s

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term

(chronic)

Not rapidly degradable

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

Hydrocarbons, C7-C9, isoalkanes LC50 - Fish [1] 8.3 mg/l/96h (Pimephales promelas)

: Toxic to aquatic life with long lasting effects.

nydrocarbons, Cr, n-alkanes, isoalkanes, cyclics	
EC50 - Crustacea [1]	2.6 mg/l
carbon black (1333-86-4)	
LC50 - Fish [1]	1000 mg/l

Carbon black (1333-00-4)	
LC50 - Fish [1]	1000 mg/l
EC50 - Crustacea [1]	5600 mg/l
ErC50 algae	10000 mg/l
NOEC chronic algae	10000 mg/l

1-methoxy-2-propanol (107-98-2)	
LC50 - Fish [1]	≥ 1000 mg/l/96h (Oncorhynchus mykiss)
ErC50 algae	> 1000 mg/l (7 days) (Pseudokirchneriella subcapitata)

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# 12.2. Persistence and degradability

TIPP-EX® RAPID	
Persistence and degradability	Mixture based on substances which are not readily biodegradable.

1-methoxy-2-propanol (107-98-2)	
Persistence and degradability	96 % biodegradation (28 days). Readily biodegradable.

# 12.3. Bioaccumulative potential

1-methoxy-2-propanol (107-98-2)		
	Partition coefficient n-octanol/water (Log Pow)	<1
	Bioaccumulative potential	Not potentially bioaccumulable.

# 12.4. Mobility in soil

No additional information available

# 12.5. Results of PBT and vPvB assessment

Component	
Titanium dioxide (13463-67-7)	PBT: not relevant – no registration required vPvB: not relevant – no registration required Not applicable.
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	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
Hydrocarbons, C7-C9, isoalkanes	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
Fatty acids, C18-unsatd., dimers, reaction products with N.N-dimethyl-1,3-propanediamine and 1,3-propanediamine (162627-17-0)	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
1-methoxy-2-propanol (107-98-2)	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
Stoddard solvent (8052-41-3)	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
carbon black (1333-86-4)	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
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	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. Other adverse effects

Additional information : Avoid release to the environment.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Waste treatment methods : Discharging into rivers and drains is forbidden. Dispose of in accordance with relevant local

regulations. Destroy at an authorised site.

Additional information : The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

# **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA

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ADR	IMDG	IATA	
14.1. UN number			
UN 1139	UN 1139	UN 1139	
14.2. UN proper shipping name			
COATING SOLUTION	COATING SOLUTION (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)	Coating solution	
14.3. Transport hazard class(es)	14.3. Transport hazard class(es)		
3	3	3	
14.4. Packing group			
II	II	II	
14.5. Environmental hazards			
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	
No supplementary information available			

# 14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 640D
Limited quantities (ADR) : 51
Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02, R001

Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions : TP1, TP8

(ADR)

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 :

1139

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

Transport by sea

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E2 : P001 Packing instructions (IMDG) IBC packing instructions (IMDG) : IBC02 Tank instructions (IMDG) : T4 Tank special provisions (IMDG) : TP1, TP8 EmS-No. (Fire) : F-E EmS-No. (Spillage) : S-E Stowage category (IMDG) : B

Properties and observations (IMDG) : Miscibility with water depends upon the composition.

MFAG-No : 127;128

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

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CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 3L

# 14.7. Transport in bulk according to Annex II of Marpol 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

# Indication of changes:

This sheet was updated (refer to the date at the top of this page). see section(s): 3).

Abbreviations and acronyms:	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
LC50	Median lethal concentration
EC50	Median effective concentration
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative

Data sources : SDS of suppliers. ECHA (European Chemicals Agency).
Other information : Safety data sheet established by : LISAM TELEGIS

17 rue de la Couture F-60400 Passel

www.lisam-telegis.com.

Full text of H- and EUH-statements:	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1

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Carc. 1B	Carcinogenicity, Category 1B	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Muta. 1B	Germ cell mutagenicity, Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1A	Skin sensitisation, category 1A	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H336	May cause drowsiness or dizziness.	
H340	May cause genetic defects.	
H350	May cause cancer.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	

Classification and procedure used to derive the classification for mixtures according to Regulation GB CLP:			
Flam. Liq. 2	H225	On basis of test data	
Skin Irrit. 2	H315	Calculation method	
Skin Sens. 1	H317	Calculation method	
STOT SE 3	H336	Calculation method	
Aquatic Chronic 2	H411	Calculation method	

#### FDS UK

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.