# RESSOURCE PRIMAIRE UNIVERSEL TF

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010 Issue date: 17/12/2024 Revision date: 17/12/2024 Supersedes version of: 27/06/2024 Version: 2.0

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

## 1.1. Product identifier

Product form : Mixture

Trade name : PRIMAIRE UNIVERSEL TF

Product code : 337TF Type of product : PAINT Product group : Trade product

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

#### Relevant identified uses

Main use category : Consumer use

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

#### Manufacturer

Ressource Rue de Mousselière FR 30133 Les Angles **FRANCE** T +33(0)490254245

contact@ressource-decoration.com, www.ressource-peintures.com

#### 1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
France	ORFILA		+33 1 45 42 59 59	This number automatically directs calls to the nearest poison control center, based on the caller's location. These poison and toxicovigilance centers provide free medical assistance (excluding call costs), 24 hours a day, 7 days a week.
France	ORFILA		+33 1 45 42 59 59	This number automatically directs calls to the nearest poison control center, based on the caller's location. These poison and toxicovigilance centers provide free medical assistance (excluding call costs), 24 hours a day, 7 days a week.

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#### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1 H317

Carcinogenicity Not classified

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

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

May cause an allergic skin reaction.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :

GHS07

Signal word (CLP) : Warning

Contains : 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-

methyl-2H-isothiazol-3-one (3:1)

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

Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

EUH-statements : EUH210 - Safety data sheet available on request.

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

breathe spray or mist.

## 2.3. Other hazards

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 and/or vPvB substances ≥ 0.1% assessed in accordance with REACH 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 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]
ammonia%	CAS-No.: 1336-21-6 EC-No.: 215-647-6 EC Index-No.: 007-001-01-2 REACH-no: 01-2119982985- 14	0,0475 – 0,19	Skin Corr. 1B, H314 Aquatic Acute 1, H400

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	< 0,03235	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3- one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691- 48	0,000662 – 0,001509	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

Specific concentration limits:			
Name	Product identifier	Specific concentration limits (%)	
ammonia%	CAS-No.: 1336-21-6 EC-No.: 215-647-6 EC Index-No.: 007-001-01-2 REACH-no: 01-2119982985- 14	(5 ≤ C ≤ 100) STOT SE 3; H335	
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	(0,05 ≤ C ≤ 100) Skin Sens. 1; H317	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No.: 55965-84-9 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691- 48	$(0.0015 \le C \le 100)$ Skin Sens. 1A; H317 $(0.06 \le C < 0.6)$ Eye Irrit. 2; H319 $(0.06 \le C < 0.6)$ Skin Irrit. 2; H315 $(0.6 \le C \le 100)$ Eye Dam. 1; H318 $(0.6 \le C \le 100)$ Skin Corr. 1C; H314	

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 general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash

occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

First-aid measures for first aider : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation : None under normal conditions.

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

Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : None under normal conditions.

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

Treat symptomatically.

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#### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

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

Fire hazard : No fire hazard.

Explosion hazard No direct explosion hazard. Hazardous decomposition products in case of fire Toxic fumes may be released.

#### 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

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

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

For non-emergency personnel

: Wear recommended personal protective equipment. Protective equipment

**Emergency procedures** : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing

dust/fume/gas/mist/vapours/spray.

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".

**Emergency procedures** : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment

## 6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to

prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up Take up liquid spill into absorbent material.

Other information Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid

breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

**Switzerland** 

Storage class (LK) : LK 10/12 - Liquids

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

No additional information available

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

National occupational exposure and biological limit values

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)		
Austria - Occupational Exposure Limits		
Local name 5-Chlor-2-methyl-2,3-dihydroisothiazol-3-on und 2-Methyl-2,3-di-hydroisothiazol-3-on (Gemisch im Verhältnis 3:1)		
MAK (OEL TWA) 0,05 mg/m³		
Remark Sh,H		

#### 8.2. Exposure controls

#### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

## **Personal protection equipment**

#### Personal protective equipment:

Wear recommended personal protective equipment.

### Personal protective equipment symbol(s):







#### Eye and face protection

## Eye protection:

Safety glasses

## **Skin protection**

#### Skin and body protection:

Wear suitable protective clothing

## Hand protection:

Protective gloves

#### **Respiratory protection**

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### **Environmental exposure controls**

#### **Environmental exposure controls:**

Avoid release to the environment.

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

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid : white. Colour Odour Not available Not available Odour threshold Melting point Not applicable Freezing point Not available Boiling point Not available Flammability Non flammable. Lower explosion limit Not available Upper explosion limit Not available Flash point non applicable Auto-ignition temperature : Not available Decomposition temperature : Not available

Viscosity, kinematic : 403,226 – 1612,903 mm<sup>2</sup>/s

: Not available

Viscosity, dynamic : 500 - 2000 cP Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available Density : 1,24 g/cm<sup>3</sup> Relative density : Not available Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

#### 9.2. Other information

рΗ

## Other safety characteristics

VOC content : < 3 g/l

#### **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

## 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition products

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

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## **SECTION 11: Toxicological information**

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Acute toxicity (inhalation)	:	Not classified
1,2-benzisothiazol-3(2H)-one (2634-33-5)		
LD50 oral rat		597 mg/kg
LD50 dermal rat		> 2000 mg/kg
LD50 dermal rabbit		> 5000 mg/kg
reaction mass of 5-chloro-2-methyl-2H-is	othia	nzol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)
LD50 oral rat		64 mg/kg
LD50 dermal rabbit		87,12 mg/kg
LC50 Inhalation - Rat		0,33 mg/l/4h
LC50 Inhalation - Rat (Dust/Mist)		0,33 mg/l/4h
ammonia% (1336-21-6)		
LD50 oral rat		350 mg/kg
Skin corrosion/irritation	:	Not classified
Serious eye damage/irritation	:	Not classified
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified.
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified
PRIMAIRE UNIVERSEL TF		
Viscosity, kinematic		403,226 – 1612,903 mm²/s

#### 11.2. Information on other hazards

No additional information available

## **SECTION 12: Ecological information**

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-term

(acute)

: Not classified

Hazardous to the aquatic environment, long-term : Not

: Not classified

(chronic)

1,2-benzisothiazol-3(2H)-one (2634-33-5)		
LC50 - Fish [1] 0,74 mg/l 96 Hours (Oncorhynchus mykiss)		
EC50 - Crustacea [1]	1,9 mg/l 96 Hours (Mysidopsis bahia)	
EC50 - Crustacea [2] 1,5 mg/l 48 heures (Daphnia magma)		
ErC50 algae 0,11 mg/l 72 Hours (Pseudokirchnerella subcapitata)		

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1,2-benzisothiazol-3(2H)-one (2634-33-5)			
NOEC (acute) 0,15 mg/l 48 Hours (Scenedesmus acutus)			
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)			
LC50 - Fish [1]	0,19 mg/l 96 Hours (Oncorhynchus mykiss) (OECD 203 method)		
LC50 - Fish [2]	0,28 mg/l (96h) (Lepomis macrochirus)		
EC50 - Crustacea [1]	0,16 mg/l 48 Hours (Daphnia magma) (OECD 202 method)		
ErC50 algae	0,027 mg/l 48 Hours (Pseudokirchnerella subcapitata) (OECD 201 method)		
NOEC (acute)	0,0014 72 Hours (Skeletonema costatum) (OECD 201 method)		
NOEC chronic fish	0,05 mg/l 14 days (Oncorhynchus mykiss) (OECD 203 method)		
NOEC chronic crustacea	0,1 mg/l 21 days (Daphnia magma) (OECD 202 method)		
NOEC chronic algae	0,0014 mg/l		
ammonia% (1336-21-6)			
LC50 - Fish [1]	8,2 mg/l (96h) (Pimephales promelas)		
EC50 - Crustacea [1]	0,66 mg/l (48h) (Daphnia pulex)		

## 12.2. Persistence and degradability

PRIMAIRE UNIVERSEL TF			
Persistence and degradability	Rapidly degradable		
1,2-benzisothiazol-3(2H)-one (2634-33-5)			
Persistence and degradability Rapidly degradable			
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)			
Persistence and degradability Rapidly degradable			
ammonia% (1336-21-6)			
Persistence and degradability	Rapidly degradable		

## 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

## PRIMAIRE UNIVERSEL TF

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

No additional information available

#### 12.7. Other adverse effects

No additional information available

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## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

#### **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID n	umber				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.2. UN proper shippin	g name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard o	14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group	14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
No supplementary information available					

#### 14.6. Special precautions for user

#### **Overland transport**

Not applicable

## Transport by sea

Not applicable

## Air transport

Not applicable

#### Inland waterway transport

Not applicable

## Rail transport

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## **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)

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#### **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 < 3 g/l

#### **Explosives Precursors Regulation (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 (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)

#### **National regulations**

#### **France**

Other information, restrictions and prohibition regulations

Classification according to directives 67/548/EEC and 1999/45/EC VOC Directive 2004/42/EC - Decorative paints and varnishes

Labelling of building products or products used for wall or floor coatings and paints and varnishes concerning their emissions of volatile pollutants (Order of 19 April 2011) Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Occupational diseases		
Code	Description	
RG 65	Eczematiform lesions of allergic mechanism	
RG 66 Occupational rhinitis and asthma		

#### **Germany**

VOC ordinance (ChemVOCFarbV) : VOC content < 3 g/l

Maximum content of VOC 0,00 g/l

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

List of sensitizing substances (TRGS 907) Contains sensitizing substances according TRGS 907.

Hazardous Incident Ordinance (12. BlmSchV) : Is not subject to the Hazardous Incident Ordinance (12. BlmSchV)

#### **Netherlands**

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

SZW-lijst van reprotoxische stoffen - Borstvoeding

SZW-lijst van reprotoxische stoffen -

Vruchtbaarheid

: None of the components are listed

: None of the components are listed : None of the components are listed

: None of the components are listed

SZW-lijst van reprotoxische stoffen - Ontwikkeling

: None of the components are listed

#### **Denmark**

**Danish National Regulations** 

: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

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#### **Poland**

Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).

Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).

The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).

Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).

Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).

The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended). Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).

ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

#### **SECTION 16: Other information**

Indication of changes			
Section	Changed item	Comments	
	Supersedes version of	Modified	

Abbreviations and acronyms:		
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
ACGIH	American Conference of Government Industrial Hygienists	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
CAS-No.	Chemical Abstract Service number	
COD	Chemical oxygen demand (COD)	
CSA	Chemical safety assessment	
DMEL	Derived Minimal Effect level	

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Abbreviations and acronyms:		
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
ED	Endocrine disruptor	
EN	European Standard	
EWC	European waste catalogue	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
Log Kow	Partition coefficient n-octanol/water (Log Kow)	
Log Pow	Partition coefficient n-octanol/water (Log Pow)	
MAK	maximum workplace concentration	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
N.O.S.	Not Otherwise Specified	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
OSHA	Occupational Safety Health Administration	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
PPE	Personal protection equipment	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
TF	Technical function	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
TWA	Time Weighted Average	
VOC	Volatile Organic Compounds	
vPvB	Very Persistent and Very Bioaccumulative	
UFI	Unique Formula Identifier	

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Data sources

Training advice

Other information

- : 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. Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013.
- Normal use of this product shall imply use in accordance with the instructions on the packaging.
- The working conditions of the user are not known to us, the information provided in this safety data sheet are based on the State of our knowledge and on both national and Community regulations. The mixture should not be used for other uses as those specified in section 1 without first obtaining prior written handling instructions. It is always the responsibility of the user to take all the necessary measures to meet the requirements of the laws and local regulations. The information provided in this safety data sheet should be considered a description of the safety requirements to this mixture and not as a guarantee of the properties of it.

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Full text of H- and EUH-statements:		
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B	
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1A	Skin sensitisation, category 1A	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H310	Fatal in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Full text of H- and EUH-statements:		
H330	Fatal if inhaled.	
H335	May cause respiratory irritation.	
H400	Very toxic to aquatic life.	
H410	Very toxic to aquatic life with long lasting effects.	
EUH210	Safety data sheet available on request.	
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	

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.