

according to Commission Regulation (EU) 2020/878 as amended

## Agrospec UTTO 10W/30

Creation date 10th March 2023

Revision date Version 1.0

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

1.1. Product identifier

Agrospec UTTO 10W/30

Substance / mixture mixture

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

#### Mixture's intended use

Multifunkčný Oil.

For specific application advice see appropriate Technical Data Sheet or consult our company representative.

## Mixture uses advised against

Not defined.

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

#### Manufacturer

Name or trade name SPECOL Sp. z o.o.

Address ul. Kluczborska 31, Chorzów, 41-508

Poland

 VAT Reg No
 PL6272453121

 Phone
 32 245 91 33

 E-mail
 info@specol.com.pl

 Web address
 www.specol.com.pl

Competent person responsible for the safety data sheet

Name SPECOL Sp. z o.o. E-mail info@specol.com.pl

## 1.4. Emergency telephone number

European emergency number: 112

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

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

### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

#### 2.2. Label elements

none

## 2.3. Other hazards

The mixture contains substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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

#### 3.2. Mixtures

# Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 649-467-00-8 CAS: 64742-54-7 EC: 265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic	>80	not classified as dangerous	
Index: 649-474-00-6 CAS: 64742-65-0 EC: 265-169-7	Distillates (petroleum), solvent-dewaxed heavy paraffinic	0,4-0,6	Asp. Tox. 1, H304	



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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 604-092-00-9 CAS: 74499-35-7	phenol, (tetrapropenyl) derivatives	, ,	Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360F Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	1, 2

#### **Notes**

- 1 Substance of very high concern SVHC.
- 2 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

#### If on skin

Remove contaminated clothes.

#### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

#### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

#### If inhaled

Not expected.

#### If on skin

Not expected.

## If in eyes

Not expected.

### If swallowed

Not expected.

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

Symptomatic treatment.

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

### 5.1. Extinguishing media

#### Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

#### Unsuitable extinguishing media

not available

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

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

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

Follow the instructions in the Sections 7 and 8.



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#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

After removal of the product, wash the contaminated site with plenty of water.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

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

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

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

not available

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

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### **DNEL**

phenol, (tetrapropenyl) derivatives

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	0.053 mg/m <sup>3</sup>	Chronic effects local		
Workers	Oral	0.25 mg/kg bw/day	Chronic effects local		
Workers	Dermal	0.25 mg/kg bw/day	Chronic effects local		

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

### Eye/face protection

It is not needed.

### Skin protection

When handling in long-term or repeatedly, use protective gloves.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

Not available.

#### **Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2.

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

## 9.1. Information on basic physical and chemical properties

Physical state liquid

Colour data not available
Odour data not available
Melting point/freezing point data not available
Boiling point or initial boiling point and boiling range
Flammability data not available
Lower and upper explosion limit data not available

Flash point 220 °C



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Auto-ignition temperature data not available
Decomposition temperature data not available
pH data not available
Kinematic viscosity 65 mm²/s at 40 °C
Solubility in water data not available
Partition coefficient proctangl/water (log value) data not available

Partition coefficient n-octanol/water (log value) data not available Vapour pressure data not available

Density and/or relative density

Density 0,860-0,870 g/cm³ at 15 °C

Relative vapour density

Particle characteristics

data not available

data not available

data not available

Distillates (petroleum), hydrotreated light paraffinic

(CAS: 64742-55-8)

SECTION 10: Stability and reactivity

Distillates (petroleum), solvent-dewaxed heavy

paraffinic (CAS: 64742-65-0)

9.2. Other information

not available

#### not available

## 10.1. Reactivity

not available

## 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

## 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

liquid

liquid

## 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

#### **SECTION 11: Toxicological information**

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

#### **Acute toxicity**

Based on available data the classification criteria are not met.

Distillates (petroleum), hydrotreated heavy paraffinic

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Inhalation	LC50	OECD 403	5.53 mg/l	4 hours	Rat (Rattus norvegicus)	
Skin	LD50	OECD 402	5000 mg/kg		Rabbit	
Oral	LD50	OECD 401	5000 mg/kg		Rat (Rattus norvegicus)	

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Inhalation	LC50	OECD 403	5.53 mg/l	4 hours	Rat (Rattus norvegicus)	



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Distillates (petroleum), solvent-dewaxed heavy paraffinic

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Dermal	LD50	OECD 402	>5000 mg/kg		Rabbit	
Oral	LD <sub>50</sub>	OECD 401	>5000 mg/kg		Rat (Rattus norvegicus)	

phenol, (tetrapropenyl) derivatives

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex
Dermal	LD50	OECD 402	15000 mg/kg		Rabbit	
Oral	LD50	OECD 401	2200 mg/kg		Rat (Rattus norvegicus)	

### Skin corrosion/irritation

Based on available data the classification criteria are not met.

Distillates (petroleum), hydrotreated heavy paraffinic

Route of exposure	Result	Method	Exposure time	Species
Dermal	Not irritating	OECD 404		Rabbit
Eye	Not irritating	OECD 405		Rabbit

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Route of exposure	Result	Method	Exposure time	Species
Dermal	Not irritating	OECD 404		Rabbit
Eye	Not irritating	OECD 405		Rabbit

### Serious eye damage/irritation

Based on available data the classification criteria are not met.

## Sensitization

Distillates (petroleum), hydrotreated heavy paraffinic

Route of exposure	Result	Method	Exposure time	Species	Sex
Dermal	Not sensitizing	OECD 406		Guinea-pig (Cavia aperea f. porcellus)	

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Route of exposure	Result	Method	Exposure time	Species	Sex
Skin	Not sensitizing	OECD 406		Guinea-pig (Cavia aperea f. porcellus)	

phenol, (tetrapropenyl) derivatives

Route of exposure	Result	Method	Exposure time	Species	Sex
Dermal	Not sensitizing	OECD 406		Guinea-pig (Cavia aperea f. porcellus)	

## Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

## Mutagenicity

Distillates (petroleum), hydrotreated heavy paraffinic

Result	Method	Exposure time	Specific target organ	Species	Sex
Negative	OECD 471			Bacteria (Salmonella typhimurium)	
Negative	OECD 473				
Negative	OECD 476				



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Distillates (petroleum), hydrotreated heavy paraffinic

Result	Method	Exposure time	Specific target organ	Species	Sex
Negative	OECD 474				

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Result	Method	Exposure time	Specific target organ	Species	Sex
Negative, Not sensitizing	OECD 471			Bacteria (Salmonella typhimurium)	
Negative	OECD 473				

phenol, (tetrapropenyl) derivatives

Result	Method	Exposure time	Specific target organ	Species	Sex
Negative	OECD 471			Bacteria (Salmonella typhimurium)	
Negative	OECD 476				

### **Germ cell mutagenicity**

Based on available data the classification criteria are not met.

### Carcinogenicity

Based on available data the classification criteria are not met.

Distillates (petroleum), hydrotreated heavy paraffinic

Route of exposure	Parameter	Method	Value	Exposure time	Specific target organ	Result	Species	Sex
	NOAEL	OECD 451		78 weeks	Skin	Negative	Mouse	

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Route of exposure	Parameter	Method	Value	Exposure time	Specific target organ	Result	Species	Sex
	NOAEL	OECD 451		78 weeks		Negative	Mouse	

## Reproductive toxicity

Based on available data the classification criteria are not met.

Distillates (petroleum), hydrotreated heavy paraffinic

Effect	Parameter	Method	Value	Result	Species	Sex
Developmental toxicity		OECD 421		Negative	Rat (Rattus norvegicus)	
Effects on fertility		OECD 421		Negative	Rat (Rattus norvegicus)	
Developmental toxicity		OECD 414		Negative	Rat (Rattus norvegicus)	

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Effect	Parameter	Method	Value	Result	Species	Sex
		OECD 421		Negative	Rat (Rattus norvegicus)	
		OECD 421		Negative	Rat (Rattus norvegicus)	
Developmental toxicity		OECD 414		Negative	Rat (Rattus norvegicus)	

phenol, (tetrapropenyl) derivatives

Effect	Parameter	Method	Value	Result	Species	Sex
Effects on fertility		OECD 416		Positive	Rat (Rattus norvegicus)	



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### phenol, (tetrapropenyl) derivatives

Effect	Parameter	Method	Value	Result	Species	Sex
Developmental toxicity		OECD 416		Positive	Rat (Rattus norvegicus)	
		OECD 416		Maternal toxicity	Rat (Rattus norvegicus)	

## Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

## Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

## Repeated dose toxicity

Distillates (petroleum), hydrotreated heavy paraffinic

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	LOAEL		OECD 408	125 mg/kg	90 days	Rat (Rattus norvegicus)	
Dermal	NOAEL		OECD 411	30 mg/kg		Rat (Rattus norvegicus)	
Dermal	NOAEL		OECD 410	1000 mg/kg		Rabbit	
Inhalation	NOAEL			0.22 mg/l	4 weeks	Rat (Rattus norvegicus)	
Inhalation	NOAEL			0.15 mg/l	13 weeks	Rat (Rattus norvegicus)	

### Distillates (petroleum), solvent-dewaxed heavy paraffinic

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Skin	NOAEL		OECD 410	1000 mg/kg		Rabbit	
Inhalation	NOAEL			0.05 mg/l	13 weeks	Rat (Rattus norvegicus)	

## phenol, (tetrapropenyl) derivatives

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex
Oral	NOAEL		OECD 407	60 mg/kg		Rat (Rattus norvegicus)	
Oral	NOAEL		OECD 416	15 mg/kg		Rat (Rattus norvegicus)	
Oral	NOAEL		OECD 408	100 mg/kg		Rat (Rattus norvegicus)	

## **Aspiration hazard**

Based on available data the classification criteria are not met.

### 11.2. Information on other hazards

The mixture contains substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

## **Acute toxicity**

Distillates (petroleum), hydrotreated heavy paraffinic

Parameter	Value	Exposure time	Species	Environment
EL 50	>10000 mg/l	48 hours	Daphnia (Daphnia magna)	



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Distillates (petroleum), hydrotreated heavy paraffinic

Parameter	Value	Exposure time	Species	Environment
LL 50	>100 mg/l	96 hours	Fish (Pimephales promelas)	

Distillates (petroleum), solvent-dewaxed heavy paraffinic

Parameter	Value	Exposure time	Species	Environment
EL 50	>10000 mg/l	48 hours	Daphnia (Daphnia magna)	
LL 50	>100 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
NOEL	>100 mg/l	72 hours	Algae and other aquatic plants (Pseudokirchneriella subcapitata)	
NOEL	10 mg/l	21 days	Daphnia (Daphnia magna)	
NOEL	1000 mg/l	14 days	Fish (Oncorhynchus mykiss)	

phenol, (tetrapropenyl) derivatives

Parameter	Value	Exposure time	Species	Environment
EL 50	0.36 mg/l	72 hours	Algae and other aquatic plants (Desmodesmus subspicatus)	
EL 50	0.037 mg/l	48 hours	Daphnia (Daphnia magna)	
EL 50	>1000 mg/l	3 hours	Microorganisms	
LL 50	40 mg/l	96 hours	Fish (Pimephales promelas)	
NOEL	0.07 mg/l	72 hours	Algae and other aquatic plants (Desmodesmus subspicatus)	
NOEL	0.0037 mg/l	21 days	Daphnia (Daphnia magna)	

## **Chronic toxicity**

Distillates (petroleum), hydrotreated heavy paraffinic

Parameter	Value	Exposure time	Species	Environment
NOEL	≥100 mg/l	72 hours	Algae and other aquatic plants (Pseudokirchneriella subcapitata)	
NOEL	10 mg/l	21 days	Daphnia (Daphnia magna)	
NOEL	1000 mg/l	14 days	Fish (Oncorhynchus mykiss)	

## 12.2. Persistence and degradability

## **Biodegradability**

Distillates (petroleum), hydrotreated heavy paraffinic

Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301F	31 %	28 days		Hardly biodegradable



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#### Distillates (petroleum), solvent-dewaxed heavy paraffinic

Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301F	31 %	28 days		Hardly biodegradable

### phenol, (tetrapropenyl) derivatives

Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301B	6-25 %	28 days		Hardly biodegradable

not available

### 12.3. Bioaccumulative potential

phenol, (tetrapropenyl) derivatives

Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
BCF	289-1601				

Not available.

#### 12.4. Mobility in soil

Not available.

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

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Endocrine disrupting properties

The mixture contains substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7. Other adverse effects

Not available.

#### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### **Waste management legislation**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils \*

(\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## **SECTION 14: Transport information**

#### 14.1. UN number or ID number

not subject to transport regulations

## 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

## 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.



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

not relevant

#### **SECTION 15: Regulatory information**

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

phenol, (tetrapropenyl) derivatives

Restriction	Conditions of restriction
30	Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30:  1. Shall not be placed on the market, or used,  — as substances,  — as constituents of other substances, or,  — in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:  — either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or,  — the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008.
	Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:
	"Restricted to professional users".  2. By way of derogation, paragraph 1 shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; (b) cosmetic products as defined by Directive 76/768/EEC; (c) the following fuels and oil products: — motor fuels which are covered by Directive 98/70/EC, — mineral oil products intended for use as fuel in mobile or fixed combustion plants, — fuels sold in closed systems (e.g. liquid gas bottles); (d) artists' paints covered by Regulation (EC) No 1272/2008; (e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date. (f) devices covered by Regulation (EU) 2017/745.

## 15.2. Chemical safety assessment

not available

## **SECTION 16: Other information**

### A list of standard risk phrases used in the safety data sheet

H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H360F	May damage fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effect

Other important information about human health protection



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The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

#### Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by

road

BCF Bioconcentration Factor
CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substance and mixtures

EC Identification code for each substance listed in EINECS

EINECS European Inventory of Existing Commercial Chemical Substances

EL<sub>50</sub> Effective Loading for 50% of the tested organisms

EmS Emergency plan EU European Union

EuPCS European Product Categorisation System IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying

**Dangerous Chemicals** 

ICAOInternational Civil Aviation OrganizationIMDGInternational Maritime Dangerous GoodsIMOInternational Maritime Organization

INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry

LC50 Lethal concentration of a substance in which it can be expected death of 50% of the

population

LD50 Lethal dose of a substance in which it can be expected death of 50% of the

population

LL50 Lethal Loading for 50% of tested organisms
LOAEL Lowest observed adverse effect level
log Kow Octanol-water partition coefficient
NOAEL No observed adverse effect level
NOEL No observed effect level

NOEL No observed effect level OEL Occupational Exposure Limits

PBT Persistent, Bioaccumulative and Toxic

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Agreement on the transport of dangerous goods by rail

UN Four-figure identification number of the substance or article taken from the UN

Model Regulations

UVCB Substances of unknown or variable composition, complex reaction products or

biological materials

VOC Volatile organic compounds

vPvB Very Persistent and very Bioaccumulative

Aguatic Acute Hazardous to the aquatic environment

Aquatic Chronic Hazardous to the aquatic environment (chronic)

Asp. Tox. Aspiration hazard

Eye Dam. Serious eye damage

Repr. Reproductive toxicity

Skin Corr. Skin corrosion

#### **Training guidelines**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

## Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet



according to Commission Regulation (EU) 2020/878 as amended

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REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

#### More information

Classification procedure - calculation method.

#### **Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.