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# **SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

# |>SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name: WOOD AGEING AGENT

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

consumer use

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

Registered company name: BLANCHON UK Limited.

Address: Brenchley House, School Road.TN27 0JW.Charing, Kent.United Kingdom.

Telephone: +44 7379 962 642. Fax:.

fds@blanchon.com www.blanchon.co.uk

Head Office - BLANCHON GROUP - 50, 8ème rue - 69800 SAINT PRIEST - FRANCE

## 1.4. Emergency telephone number: +844 892 0111.

Association/Organisation: National Poisons Information Service (Birmingham Unit).

# Other emergency numbers

National Poisons Information Service (Birmingham Unit): 844 892 0111

Poisons Information Centre of Ireland (DUBLIN): +353 1 809 25 66 or +353 1 837 9964 (medical professionals)

#### SECTION 2: HAZARDS IDENTIFICATION

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

## In compliance with EC regulation No. 1272/2008 and its amendments.

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site. This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

## 2.2. Label elements

# In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07 Signal Word : WARNING

Product identifiers :

EC 941-883-0 CI REACTIVE BLACK 31

613-088-00-6 1,2-BENZISOTHIAZOL-3(2H)-ONE

613-167-00-5 MIXTURE OF: 5-CHLORÒ-2-METHYL-4-ISOTHIAZOLIN-3-ONE ; 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

Additional labeling :

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

breathe spray or mist.

Hazard statements :

H317 May cause an allergic skin reaction.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Disposal :

P501 Dispose of contents / container to an approved landfill.

## 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 59 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

# | > SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

## 3.2. Mixtures

> Composition:

Composition :	Classification (EC) 1272/2000	Note	10/
Identification	Classification (EC) 1272/2008	Note	%
INDEX: 022-006-00-2	GHS08	[i]	0 <= x % < 2.5
CAS: 13463-67-7	Wng	[10]	
EC: 236-675-5	Carc. 2, H351		
REACH: 01-2119489379-17			
TITANIUM DIOXIDE [IN POWDER FORM			
CONTAINING 1 % OR MORE OF PARTICLES			
WITH AERODYNAMIC DIAMETER <= 10 µM]			
CAS: 7631-86-9			1 <= x % < 2.5
EC: 231-545-4			1 <= x /0 < 2.5
REACH: 01-2119379499-16			
OU LOON BLOWBE			
SILICON DIOXIDE	011007		0/ 1
EC: 941-883-0	GHS07		0 <= x % < 1
REACH: 01-2120068570-57	Wng		
	Skin Sens. 1A, H317		
CI REACTIVE BLACK 31	Aquatic Chronic 3, H412		
INDEX: 613-088-00-6	GHS06, GHS05, GHS09		0 <= x % < 0.036
CAS: 2634-33-5	Dgr		
EC: 220-120-9	Acute Tox. 4, H302		
REACH: 01-2120761540-60	Skin Irrit. 2, H315		
	Skin Sens. 1A, H317		
1,2-BENZISOTHIAZOL-3(2H)-ONE	Eye Dam. 1, H318		
1,2-BENZIOOTTIIAZOE-3(ZIT)-ONE	Acute Tox. 2, H330		
	Aquatic Acute 1, H400		
	M Acute = 1		
	Aquatic Chronic 1, H410		
	M Chronic = 1		
INDEX: 613-167-00-5	GHS06, GHS05, GHS09	В	0 <= x % < 0.0015
CAS: 55965-84-9	Dgr		
REACH: 01-2120764691-48	Acute Tox. 3, H301		
	Acute Tox. 2, H310		
MIXTURE OF:	Skin Corr. 1C, H314		
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	Skin Sens. 1A, H317		
; 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)	Eye Dam. 1, H318		
[	Acute Tox. 2, H330		
	Aguatic Acute 1, H400		
	M Acute = 100		
	Aquatic Chronic 1, H410		
	M Chronic = 100		
	EUH071		

|> Specific concentration limits:

> Specific concentration limits.		
Identification	Specific concentration limits	ATE
INDEX: 613-088-00-6	Skin Sens. 1A: H317 C>= 0.036%	inhalation: ATE = 0.21 mg/l 4h
CAS: 2634-33-5		(dust/mist)
EC: 220-120-9		oral: ATE = 450 mg/kg BW
REACH: 01-2120761540-60		
1,2-BENZISOTHIAZOL-3(2H)-ONE		
INDEX: 613-167-00-5	Skin Corr. 1C: H314 C>= 0.6%	
CAS: 55965-84-9	Skin Irrit. 2: H315 0.06% <= C < 0.6%	
REACH: 01-2120764691-48	Eye Dam. 1: H318 C>= 0.6%	
	Eye Irrit. 2: H319 0.06% <= C < 0.6%	
MIXTURE OF:	Skin Sens. 1A: H317 C>= 0.0015%	
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE		
; 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)		

#### **WOOD AGEING AGENT**

## Information on ingredients:

(Full text of H-phrases: see section 16)

[i] Substance for which maximum workplace exposure limits are available.

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter  $\leq 10 \mu m$ .

#### SECTION 4: FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

## 4.1. description of first aid measures

## In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated aera is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

## In the event of swallowing:

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

## **SECTION 5: FIREFIGHTING MEASURES**

Non-flammable.

## 5.1. Extinguishing media

## Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

# Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

# 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO2)

## 5.3. Advice for firefighters

No data available.

# SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

## For non first aid worker

Avoid any contact with the skin and eyes.

## For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

# 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

## 6.4. Reference to other sections

No data available.

# SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

## 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

## Fire prevention:

Prevent access by unauthorised personnel.

## Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

## Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

## Storage

Keep out of reach of children.

## Packaging

Always keep in packaging made of an identical material to the original.

# 7.3. Specific end use(s)

No data available.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

# 8.1. Control parameters

## Occupational exposure limits:

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values)					
CAS	TWA:	STEL:	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m3			A4	
- Ireland :					
CAS	TWA:	STEL:	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m3			-	
- UK :					
CAS	TWA:	STEL:	Ceiling :	Definition :	Criteria :
13463-67-7	4 mg/m3				

# Derived no effect level (DNEL) or derived minimum effect level (DMEL):

SILICON DIOXIDE (CAS: 7631-86-9)

Final use:

DNEL:

Workers.

Exposure method:

Inhalation.

Potential health effects:

Short term local effects. 4 mg of substance/m3

Exposure method:

Inhalation.

Potential health effects:

Long term local effects.

DNEL:

4 mg of substance/m3

# 8.2. Exposure controls

# Personal protection measures, such as personal protective equipment



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

## - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard ISO 16321.

#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Not stated.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

## - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing:

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

## |>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1. Information on basic physical and chemical properties

Physical state

Fluid liquid. Physical state:

Colour

Colored

Odour

Odour threshold: Not stated.

low odour

**Melting point** 

Melting point/melting range: Not specified.

Freezing point

Freezing point / Freezing range : Boiling point or initial boiling point and boiling range Boiling point/boiling range:

**Flammability** 

Not stated Flammability (solid, gas):

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%): Not stated. Explosive properties, upper explosivity limit (%): Not stated.

Flash point

FP > 100°C. Flash Point Interval:

**Auto-ignition temperature** 

Self-ignition temperature : Not specified.

**Decomposition temperature** Decomposition point/decomposition range: Not specified.

рΗ

pH: Not stated. Neutral.

pH (aqueous solution): Not stated.

Kinematic viscosity

Not stated. Viscosity:

Solubility

Water solubility: Soluble Fat solubility: Not stated.

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## **WOOD AGEING AGENT**

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water: Not stated.

Vapour pressure

Vapour pressure (50°C): Below 110 kPa (1.10 bar).

Density and/or relative density

Density: > 1

Relative vapour density

Vapour density: Not stated.

Particle characteristics

The mixture contains one nanoform. See the characteristics of the particles that define the nanoform in Section 3.

|> 9.2. Other information

No data available.

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available

# **SECTION 10: STABILITY AND REACTIVITY**

## 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

## 10.3. Possibility of hazardous reactions

No data available.

#### 10.4. Conditions to avoid

No data available.

#### 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO2)

## | > SECTION 11 : TOXICOLOGICAL INFORMATION

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

May cause an allergic reaction by skin contact.

# 11.1.1. Substances

# |> a) Acute toxicity :

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Oral route : LD50 = 450 mg/kg body weight

Inhalation route (Dusts/mist) : LC50 = 0.21 mg/l

Duration of exposure : 4 h

CI REACTIVE BLACK 31

Oral route: LD50 > 2000 mg/kg body weight

Species : Rat

Inhalation route (Vapours): LC50 > 20 mg/l

SILICON DIOXIDE (CAS: 7631-86-9)

Oral route : LD50 > 5000 mg/kg body weight

Species: Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route: LD50 > 6000 mg/kg body weight

Species : Rabbit

Inhalation route (Dusts/mist): LC50 >= 1000 mg/m3

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WOOD AGEING AGENT

Species: Rat OECD Guideline 403 (Acute Inhalation Toxicity)

b) Skin corrosion/skin irritation:

SILICON DIOXIDE (CAS: 7631-86-9)

Species : Rabbit

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

CI REACTIVE BLACK 31

Species: Rabbit

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

c) Serious damage to eyes/eye irritation :

SILICON DIOXIDE (CAS: 7631-86-9)

OECD Guideline 405 (Acute Eye Irritation / Corrosion)

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity:

SILICON DIOXIDE (CAS: 7631-86-9)

No mutagenic effect.

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

f) Carcinogenicity:

No data available.

g) Reproductive toxicant :

SILICON DIOXIDE (CAS: 7631-86-9)

Study on fertility: Species: Rat

OECD Guideline 414 (Prenatal Developmental Toxicity Study)

# h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

SILICON DIOXIDE (CAS: 7631-86-9)

Oral route : C = 9000 mg/kg body weight/day

Species : Rat

Duration of exposure : 90 days

OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Inhalation route : C = 1 mg/litre/6h/day

Species : Rat

Duration of exposure : 90 days

OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)

## j) Aspiration hazard :

No data available.

## 11.1.2. Mixture

No toxicological data available for the mixture.

## a) Acute toxicity:

No data available.

# b) Skin corrosion/skin irritation:

No data available.

# c) Serious damage to eyes/eye irritation :

No data available.

# d) Respiratory or skin sensitisation :

No data available.

# e) Germ cell mutagenicity:

No data available.

<sup>-</sup> Made under licence of European Label System & MSDS software from InfoDyne - http://www.infodyne.fr -

# f) Carcinogenicity:

No data available.

# g) Reproductive toxicant :

No data available.

## h) Specific target organ systemic toxicity - single exposure :

No data available.

## i) Specific target organ systemic toxicity - repeated exposure :

No data available.

## j) Aspiration hazard :

No data available.

## 11.1.2.2 Other information

#### 11.2. Information on other hazards

No other hazards known according to Regulation (EC) No 1272/2008

## |> Endocrine disrupting properties

The mixture does not contain any substance evaluated as an endocrine disruptor with effects on human health.

# |>SECTION 12 : ECOLOGICAL INFORMATION

#### 12.1. Toxicity

#### 12.1.1. Substances

CI REACTIVE BLACK 31

Fish toxicity: LC50 > 100 mg/l

Species : Leuciscus idus Duration of exposure : 48 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity: EC50 = 100 mg/l

Species : Daphnia magna Duration of exposure : 48 h

Algae toxicity: ECr50 >= 100 mg/l

Duration of exposure : 96 h

SILICON DIOXIDE (CAS: 7631-86-9)

Fish toxicity: LC50 = 10000 mg/l

Species : Danio rerio Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 > 1000 mg/l

Species : Daphnia magna Duration of exposure : 24 h

OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity: ECr50 > 10000 mg/l

Species : Scenedesmus subspicatus

Duration of exposure: 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

## 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

## 12.2. Persistence and degradability

## 12.2.1. Substances

SILICON DIOXIDE (CAS: 7631-86-9)

Biodegradability:

no degradability data is available, the substance is considered as not degrading

quickly.

CI REACTIVE BLACK 31

Chemical oxygen demand: DCO 610 g/kg

## **WOOD AGEING AGENT**

Non-rapidly degradable.

# 12.3. Bioaccumulative potential

Biodegradability:

No data available.

## 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

No data available.

## |> 12.6. Endocrine disrupting properties

The mixture does not contain any substance evaluated as an endocrine disruptor with environmental effects.

#### 12.7. Other adverse effects

No data available

## German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws):

WGK 1: Slightly hazardous for water.

# SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

#### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste):

15 01 10 \* packaging containing residues of or contaminated by dangerous substances

08 01 11 \* waste paint and varnish containing organic solvents or other dangerous substances

## SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

## 14.1. UN number or ID number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

# 14.4. Packing group

# 14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

# |>SECTION 15 : REGULATORY INFORMATION

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

# |> Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2023/707.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2024/197. (ATP 21)

# Container information:

No data available

#### WOOD AGEING AGENT

## Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): https://echa.europa.eu/substances-restricted-under-reach.

#### **Explosives precursors:**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

## Particular provisions:

No data available.

## Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):

The mixture does not contain a persistent organic pollutant.

## German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws):

WGK 1: Slightly hazardous for water.

## 15.2. Chemical safety assessment

No data available.

## >SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Corrosive to the respiratory tract.

## Wording of the phrases mentioned in section 3:

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.
H330	Fatal if inhaled.
H351	Suspected of causing cancer .
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

## > Abbreviations and acronyms :

EUH071

 $\ensuremath{\mathsf{LD50}}$  : The dose of a test substance resulting in 50% lethality in a given time period.

LC50: The concentration of a test substance resulting in 50% lethality in a given period.

EC50: The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE: Acute Toxicity Estimate

BW : Body Weight

DNEL: Derived No-Effect Level
STEL: Short-term exposure limit
TWA: Time Weighted Averages
TLV: Threshold Limit Value (exposure)
AEV: Average Exposure Value.

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods. IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefahrdungsklasse (Water Hazard Class).

GHS07: Exclamation mark

PBT: Persistent, bioaccumulable and toxic. vPvB: Very persistent, very bioaccumulable.

SVHC : Substances of very high concern. |> Modification compared to the previous version