



TIMPEST AQUA ANTITARLO

Safety Data Sheet

In accordance with Regulation (EC) 1907/2006 and subsequent amendments
Issue date: 11/23/2020 Revision date: 11/23/2020 Version: 2.0

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

1.1. Product identifier

Product form : Mixture
Trade name : TIMPEST AQUA ANTITARLO
Other means of identification : Authorization of the Ministry of Health N. IT / 2020/00620 / MRP

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Preservative for wood. BIOCIDES FAMILY PT 8.

1.2.2. Uses advised against

Restrictions on use : Any other unidentified use is not recommended.

1.3. Details of the supplier of the safety data sheet

Supplier

MAZZONI MARIO EREDI

Isonzo 28

34070 Mossa - Gorizia

T +39 (0)481 80487 - F +39 (0)481 809866

E-mail address of competent person responsible for the SDS : info@timpest.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400
Hazardous to the aquatic environment — Chronic Hazard, Category 1 H410
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

GHS09

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H319 - Causes serious eye irritation.

H410 - Very toxic to aquatic life with long lasting effects.



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Precautionary statements (CLP)	: P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P264 - Wash your hands thoroughly after use. P391 - Collect spillage. P102 - Keep out of reach of children. P273 - Avoid release to the environment. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH208 - Contains permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, BIT. May produce an allergic reaction.

2.3. Other hazards

Other hazards which do not result in classification : The mixture does not meet the criteria for PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. % w/w	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C9-11, ethoxylated	(CAS-No.) 68439-46-3 (EC-No.) 614-482-0	<3	Eye Irrit. 2, H319
permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate	(CAS-No.) 52645-53-1 (EC-No.) 258-067-9 (EC Index-No.) 613-058-00-2	<1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)
1,2-benzisothiazolin-3-one (BIT)	(CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6	<0.05	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411

Specific concentration limits:

Name	Product identifier	Specific concentration limits
1,2-benzisothiazolin-3-one (BIT)	(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

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

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.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.



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

Symptoms/effects after eye contact : Eye irritation.

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 : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : No unsuitable extinguishing media were identified.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Thermal decomposition or combustion may generate toxic and hazardous fumes of COx, NOx.

5.3. Advice for firefighters

Precautionary measures fire : Cool the containers with jet water, even after the fire is extinguished. Remove the containers from the fire area if this can be done safely.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information : Self-contained breathing apparatus, flame and chemical resistant clothing, boots and gloves. Equipment must be conformed with the national/international standards and used in highest condition of protection on the basis of the information reported in the previous sub-sections.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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

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

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
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 also to sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : 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

Storage conditions : Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

Preservative for wood.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

(68439-46-3)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2080 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	294 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	87 mg/m ³
Long-term - systemic effects, dermal	1250 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.10379 mg/l
PNEC aqua (marine water)	0.10379 mg/l
PNEC aqua (intermittent, freshwater)	0.014 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	13.7 mg/kg dwt
PNEC sediment (marine water)	13.7 mg/kg dwt
PNEC (Soil)	
PNEC soil	1 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1.4 mg/l

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Protective gloves

Eye protection:

Wear safety glasses according to EN 166 or facial screen to minimize eye contact.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



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Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
pH	: ≈ 7
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
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	: 1.005 g/ml
Solubility	: miscible with water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition or combustion may generate hazardous fumes of CO_x, NO_x.



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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)

permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)

LD50 oral rat	480 (\leq 1623) mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h

1,2-benzisothiazolin-3-one (BIT) (2634-33-5)

LD50 oral rat	670 – 1200 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

(68439-46-3)

LD50 oral rat	3488 mg/kg bodyweight OECD Guideline 401
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation	: Not classified pH: \approx 7
Additional information	: 1,2-benzisothiazolin-3-one : According to a study conducted in rabbits BIT can be classified as a moderate irritant to skin. Alcohols, C9-11, ethoxylated: based on a Read-Across approach with other substances, such as C10-16 AE (CAS 68002-97-1), C6-12AE (CAS 68439-45-2) and C10AE (CAS 26183-52-8) the substance is considered a skin irritant.
Serious eye damage/irritation	: Causes serious eye irritation. pH: \approx 7
Additional information	: 1,2-benzisothiazolin-3-one : A study in rabbits classified the compound as a severe eye irritant. Alcohols, C9-11, ethoxylates: considered capable of causing serious eye damage.
Respiratory or skin sensitisation	: Not classified
Additional information	: 1,2-benzisothiazolin-3-one : A guinea pig maximization test classified BIT as a moderate contact sensitizer whilst the Buehler test classifies BIT as non-sensitizing. Literature data for the local lymph node assay support a classification of BIT as a moderate dermal sensitizer (EC3 2.3%). (In the context of occupational uses, benzisothiazolinone (BIT) is a well-documented contact allergen. Alcohols, C9-11, ethoxylated: based on a Read-Across approach with another substance, (C6-12AE; CAS 68439-45-2), it should not be considered a skin sensitizer. Permethrin: in accordance with Regulation (EU) 1272/2008 (CLP) the substance is classified as a skin sensitizer.
Germ cell mutagenicity	: Not classified
Additional information	: 1,2-benzisothiazolin-3-one : The compound has been found to be clastogenic in mammalian cells treated in vitro, non-mutagenic in vitro, non clastogenic and DNA damaging in vivo. Alcohols, C9-11, ethoxylated: it is not genotoxic in in vivo and in vitro studies based on a Read-Across approach with other substances. Permethrin: tested in a battery of in vitro and in vivo tests that measure various endpoints of potential genotoxicity such as gene mutation and chromosomal aberration. It did not show any genotoxic potential. Permethrin: tested in a battery of in vitro and in vivo tests that measure different endpoints of potential genotoxicity such as gene mutation and chromosomal aberration. It did not show any genotoxic potential.
Carcinogenicity	: Not classified



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Additional information : 1,2-benzisothiazolin-3-one : Based on its characteristics, BIT is unlikely to demonstrate a carcinogenic potential.

permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)	
NOAEL (chronic, oral, animal/male, 2 years)	50 mg/kg bodyweight
Additional information	carcinogenicity and long-term toxicity were studied in the rat and mouse. No treatment-related changes were observed in the incidence of tumors in either species.

Reproductive toxicity : Not classified

permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)	
Additional information	Based on the results observed in a rat study, the dose of 180 mg / kg bw / day was established as the NOAEL value for parental and reproductive toxicity NOAEL.

1,2-benzisothiazolin-3-one (BIT) (2634-33-5)	
Additional information	Studies on rats carried out to date did not indicate a reproductive toxic potential (fetal toxicity and teratogenicity) in the maternal-toxic dosage range.

Alcohols, C9-11, ethoxylated (68439-46-3)	
NOAEL (animal/male, F0/P)	250 mg/kg bodyweight
NOAEL (animal/female, F1)	250 mg/kg bodyweight
Additional information	in a dermal study on 2-generations of rats in accordance with the OECD 416 guideline the substance was not teratogenic.

STOT-single exposure : Not classified

1,2-benzisothiazolin-3-one (BIT) (2634-33-5)	
Additional information	At room temperature, exposure to vapor is minimal due to low volatility. A single exposure is unlikely to be hazardous. Mist may cause severe irritation to the upper respiratory tract (nose and throat) and lungs.

STOT-repeated exposure : Not classified

permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)	
NOAEL (oral, rat, 90 days)	175 mg/kg bodyweight/day

1,2-benzisothiazolin-3-one (BIT) (2634-33-5)	
Additional information	A 90-day study on dogs that were administered gelatin capsules with different BIT levels (corresponding to 5; 20 or 50 mg of B per kg of body weight per day) revealed irritations in the gastrointestinal tract (vomiting, diarrhea), slight functional changes of the liver and slightly increased liver weights, but no pathological organ changes. The LOAEL was stated to be 50, and the NOAEL 5, mg per kg of body weight per day.

Alcohols, C9-11, ethoxylated (68439-46-3)	
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Additional information	for the entire category of ethoxylated alcohols (AE) a NOAEL value of 500 mg / kg bw / day has been established.

Aspiration hazard : Not classified



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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.
Not rapidly degradable

permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)

LC50 - Fish [1]	0.0051 mg/l
EC50 - Crustacea [1]	0.00127 mg/l
NOEC chronic crustacea	4.7 ng/l

1,2-benzisothiazolin-3-one (BIT) (2634-33-5)

LC50 - Fish [1]	2.15 mg/l
EC50 - Crustacea [1]	2.94 mg/l
EC50 72h - Algae [1]	0.11 mg/l
NOEC (chronic)	10.3 mg/l microorganisms
NOEC chronic algae	0.0403 mg/l

Alcohols, C9-11, ethoxylated (68439-46-3)

LC50 - Fish [1]	5 – 7 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	2.5 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	1.4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

12.2. Persistence and degradability

permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)

Persistence and degradability	Permethrin is not readily biodegradable (LogPow> 3, BCF> 100).
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1,2-benzisothiazolin-3-one (BIT) (2634-33-5)

Persistence and degradability	1,2-benzisothiazolin-3-one has a low volatility and is slightly soluble in water. Once introduced into the aquatic environment, BIT will have a tendency to remain in water. BIT is considered degradable and will not persist in the environment. Although the product is hydrolytically stable in water, it is susceptible to photodegradation in aquatic environments.
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Alcohols, C9-11, ethoxylated (68439-46-3)

Persistence and degradability	Readily biodegradable; 70-100% degradation (CO2 evolution) in 28 days (ISO 14593).
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12.3. Bioaccumulative potential

permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (52645-53-1)

Bioconcentration factor (BCF REACH)	560
Partition coefficient n-octanol/water (Log Pow)	-6.5



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Bioaccumulative potential	The reported Log Pow values for permethrin range from 4.6 to 6.1, indicating that it is a fat-soluble molecule with a potential for bioconcentration. However, the experimentally derived BCF values are between 290 and 620 l / kg. Furthermore, these residues are promptly eliminated by purification within 14 days.
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1,2-benzisothiazolin-3-one (BIT) (2634-33-5)

Bioaccumulative potential	1,2-Benzisothiazolin-3-one: based on a Kow value of 20 at 25°C is unlikely to bioaccumulate in aquatic organisms.
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Alcohols, C9-11, ethoxylated (68439-46-3)

Bioaccumulative potential	Bioaccumulation in organisms is negligible, due to the biotransformation and excretion of alcohol ethoxylates.
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12.4. Mobility in soil

1,2-benzisothiazolin-3-one (BIT) (2634-33-5)

Mobility in soil	1,2-Benzisothiazolin-3-one shows moderate to strong binding to soil sand it is not likely to migrate into the ground and there is low potential for ground water contamination.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
14.1. UN number			
UN 3082	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	Not regulated	Not regulated	Not regulated
Transport document description			
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (-)	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
9	Not regulated	Not regulated	Not regulated
14.4. Packing group			
III	Not regulated	Not regulated	Not regulated



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14.5. Environmental hazards

Dangerous for the environment : Yes	Not regulated	Not regulated	Not regulated
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No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR)	: -
EAC code	: •3Z

Transport by sea

Not regulated

Air transport

Not regulated

Rail transport

Not regulated

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

Substances 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: Permethrin (52645-53-1)

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out



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SECTION 16: Other information

Indication of changes:

Revision 02 of 23/11/2020: update of the SDS to the new template. Modification of all sections (from 1 to 16).

Abbreviations and acronyms:

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
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Data sources : ECHA Database.
Training advice : Training instructions: Comply with the provisions of Directive 98/24/EC and subsequent amendments and national implementations.

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1



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Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, BIT. May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Eye Irrit. 2	H319	Exceeding Generic Concentration Limit
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

SDS EU (Annex II REACH) restored

The document aims to provide guidance for appropriate handling and precaution of this product by qualified personnel or operating under the supervision of personnel trained in handling chemicals. The product should not be used for purposes other than those mentioned in section 1, unless they are given adequate written information received on how to handle the material.

The provider of this document cannot provide any warnings related to the dangers of using, interaction with other materials or chemicals or user's safe use of the product, the suitability of the product for which is applied or its proper disposal. The information above should not be considered a declaration or guarantee, either expressed or implied, of merchantability, fitness for a particular purpose, quality, or any other.