

SAFETY DATA SHEET

According to Reg. (EC) No. 1907/2006 modified by Reg. (EU) No 2020/878

Section 1: Identification of mixture and of the company/undertaking

1.1. Product identifier: **PERFECT KOMBICID**

1.2. Relevant identified uses: disinfectant concentrate, biocidal product (product type 2 and 3);
for professional use only; cleans and disinfectant in one step
Uses advised against: uses other than above

1.3. Details of the manufacturer, distributor, supplier of the safety data sheet:

ALPHAVET Zrt.

Headquarters: H-1194 Budapest, Hofherr Albert u. 42., Hungary

Location: H-8000 Székesfehérvár, Homokos 7. Hungary

Phone: +36 22 516 408

www.alphavet.eu

E-mail address of the person responsible for the safety data sheet: info@alpha-vet.hu

1.4. Emergency phone numbers

Poison Control Centres in EU: <https://poisoncentres.echa.europa.eu/appointed-bodies>

<https://echa.europa.eu/hu/support/helpdesks>

Hungarian Health & Toxicological Information Service: Working hours: +36 1 4766464

24 hrs service: +36 80 201199

Section 2: Hazard identification

2.1. Classification of the mixture: the product is **hazardous mixture** according to manufacturer and in compliance with Reg. (EC) No 1272/2008 and its modifications.

Classification		Hazard class	Hazard category
Physical hazard:	not classified		
Health hazard:	Acute Tox. (oral) 4	Acute toxicity (oral)	4
	Acute Tox. (inhal.) 4	Acute toxicity (inhal.)	4
	Skin Corr. 1B	Skin corrosion/skin irritation	1B
	Eye Dam. 1	Serious eye damage/eye irritation	1
	Skin Sens. 1A	Respiratory and skin sensitization	1A
	Resp. Sens. 1		1
Environmental hazard:	Aquatic Acute 1	Short-term aquatic hazard	1
	Aquatic Chronic 2	Long-term aquatic hazard	2

2.2. Label elements

Pictograms: GHS05, GHS07, GHS08 and GHS09

Signal word: DANGER



Active substances: 17.5% alkyl(C₁₂₋₁₆)dimethylbenzyl ammonium chloride
12.5% glutaraldehyde
8% didecyldimethyl ammonium chloride

Hazard statements:

H302+H332 Harmful if swallowed or if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H410 Very toxic to aquatic life with long lasting effect.

Supplemental hazard information: EUH071 Corrosive to the respiratory tract.

Precautionary statements

P260 Do not breathe mist, vapours, spray.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P391 Collect spillage.
P501 Dispose of contents/container: transport to hazardous waste landfill site.

2.3. Other hazards: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH regulation (1907/2006/EC) for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Reg. (EU) 2017/2100 and Reg. (EU) 2018/605 at a concentration equal to or greater than 0.1%. The components of the mixture are not considered as PBT/vPvB substances according annex XIII of REACH regulation.

Section 3: Composition/information on ingredients

3.1. Substances: not relevant.

3.2. Mixtures: the product is a mixture, aqueous solution.

Hazardous components of the product which must be listed according to Reg. (EU) No 2020/878:

Hazardous components	Concentration	Hazard class, category, H-statement
Quaternary ammonium compounds, Alkyl(C ₁₂₋₁₆)dimethylbenzyl-ammonium chloride (ADBAC/BKC) CAS No: 68424-85-1 EC No: 270-325-1	17.5%	Met. Corr. 1, H290; Acute Tox. (oral) 4, H302; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400, M _{acute} : 10; Aquatic Chronic 1, H410; M _{chronic} : 1
Glutaraldehyde (1,5-pentanedial)* CAS No: 111-30-8 EC No: 203-856-5 Index No: 605-022-00-X	12.5%	Acute Tox. (inhal.) 2, H330; Acute Tox. (oral) 3, H301; Skin Corr. 1B, H314; Eye Dam. 1, H318; EUH071 Resp. Sens. 1, H334; Skin Sens. 1A, H317; Aquatic Acute 1, H400, M _{acute} : 1; Aquatic Chronic 2, H411
Didecyldimethyl ammonium chloride (DDAC) CAS No: 7173-51-5 EC No: 230-525-2 Index No: 612-131-00-6	8%	Acute Tox. (oral) 4, H302; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400, M _{acute} : 10; Aquatic Chronic 2, H411
Isopropyl alcohol CAS No: 67-63-0 EC No: 200-661-7 Index No: 603-117-00-0	2 – 4%	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336
Amines, C ₁₂₋₁₄ (even numbered)-alkyl-dimethyl, N-oxides CAS No: 308062-28-4 EC No: 931-292-6	1 – 5%	Acute Tox. (oral) 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400, M _{acute} : 1; Aquatic Chronic 2, H411

* Specific concentration limit: if the glutaral concentration is 0.5% < c < 5%: STOT SE 3, H335

Hazard classes, H-statements relate to pure components. Hazard classification of the product is given in Section 2. Full texts of the H-statements and hazard classes, categories are listed in Section 16.

Section 4: First Aid measures

Professional and prompt first aid can greatly reduce the symptoms and their severity.

4.1. Description of first aid measures

General advice: in case of poisoning or suspected poisoning work must be stopped immediately. After first aid on the spot, medical care must be provided. Move the injured person away from the source of the exposure. Remove contaminated clothing and footwear. Do not give an unconscious or convulsing patient any fluids to drink and do not induce vomiting! NEVER LEAVE THE INJURED PERSON ALONE!

In the case of inhalation: move the victim to fresh air, provide rest and warm. If breathing is difficult, call a doctor immediately! Symptoms of asthma due to the glutaraldehyde content often appear within a few hours after exposure, and physical stress increases their severity. This is why it is important to remain calm and to monitor.

In case of skin contact: immediately remove contaminated clothing and footwear, wash the affected skin area thoroughly with plenty of water. In case of extensive injury or persistent complaints, seek medical advice.

In case of eye contact: immediately wash eyes thoroughly with plenty of water for at least 10 minutes while pulling the eyelids and moving the eyeball. If possible, remove contact lenses. After first aid, consult a specialist!

In case of ingestion: GET MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING, because of the risk of re-injury! Contact POISON CONTROL CENTRE or doctor immediately, show the label and/or safety data sheet.

4.2. Main symptoms and effects - acute and delayed: corrosive by all routes of exposure, may be respiratory and skin sensitising and may cause allergic dermatitis. Possible asthma symptoms due to glutaraldehyde content are often delayed. If any allergic reaction occurs, seek medical advice immediately.

4.3 Indication of immediate medical attention and special care required: if symptoms of poisoning occur or poisoning is suspected, call a doctor immediately and show the label or safety data sheet of the product. Following ingestion, massive inhalation or suspicion of poisoning, arrange hospitalization as soon as possible.

Note to Physician: There is no antidote. Treatment is supportive care.

Section 5: Fire-fighting measures

5.1. Extinguishing media: water spray, fire-extinguishing powder or foam. Extinguishing media and measures have to suit the surroundings.

Unsuitable extinguishing media: strong water jet

5.2. Special hazard arising from the mixture: high temperatures can cause the formation of thick black smoke, fumes. During combustion and decomposition toxic, irritating gases are evolved in the fire: carbon monoxide, carbon dioxide, nitrogen oxides, ammonia, etc.

5.3. Advice for firefighters: full protective equipment and breathing apparatus independent of ambient air. Keep unauthorized persons away. The product is a non-flammable but combustible mixture. Avoid inhalation of toxic gases, vapours and fumes. Contaminated fire water should be collected separately and do not allow it to enter into drains and water-bodies. Cool containers exposed to fire with water fog.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedure:

Personal protective equipment required, see Section 8. In the event of large spillage even respiratory protection may be required. Only trained persons wearing protective equipment should be involved in decontamination and cleaning up procedures. Avoid contact with eyes, skin and inhalation of vapours. Unauthorised persons must be removed from the vicinity of the hazard.

6.2. Environmental precautions: stop leakage, collect spillage. Do not discharge spillage into drains or water-bodies! Dispose in accordance with local regulations.

6.3. Methods and material for containment and cleaning up: contain large spillage and cover with inert absorbent material (sand, soil, vermiculite, diatomaceous earth). Collect the contaminated sorbent, store it properly labelled container and send for disposal.

For disposal of residues or small amounts use normal cleaning procedures, mopping up with water and rinsing with plenty of water. Do not use solvents! Pay attention to the risk of slipping.

6.4. Reference to other sections: see Section 8 and 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Use biocides safely! Always read the label and product information before use.

Handle the product in accordance with the usual precautions for chemicals.

Follow the instructions on the label, pay attention to the H and P statements.

Persons suffering from asthma, allergic respiratory diseases, other chronic or intermittent respiratory problems should not use this product.

Care should be taken to avoid any exposure to the product (eye contact, skin contact, inhalation of vapours, sprays and ingestion). For personal protective equipment see Section 8.

Comply with the user's instructions. Observe precautions stated on label.

Inform users of the hazards of the preparation.

Specific measures in case of fire and explosion: work with the preparation in a well-ventilated area.

Precautionary measures:

Wash hands after handling the product.

Remove contaminated clothing and wash before reuse.

Do not inhale vapours from the product, ensure adequate ventilation in particularly confined areas.

Be aware that when it is used in confined spaces, whether spraying or other application method ventilation may be inadequate and hazardous substances may accumulate in the air.

Care must be taken to ensure that the concentration of hazardous components in the air does not exceed the permissible limits.

Adequate general good ventilation and if necessary, exhaust ventilation is required. If the concentration of hazardous components is above the permissible limit, the use of respiratory equipment independent of the ambient air may be necessary.

Provide an emergency shower, eye wash bottle/eye wash station in the work area where the product is used continuously.

Do not eat, drink or smoke while working with the product.

When using the product, observe the warnings and precautions on the label.

The product must be used and handled in accordance with the safety instructions for handling chemicals.

7.2. Conditions for safe storage, including any incompatibilities

The product must be stored in a cool, well-ventilated place, in its original packaging, well closed, away from food, drink, animal feed and incompatible materials.

Keep out of reach of children, unauthorised persons and livestock.

Storage temperature should not exceed 20°C. Protect it from sunlight and frost.

7.3. Specific end use: biocidal product, disinfectant with combined effect: cleaning and disinfection in one step. Users should always read the instructions for use and follow the instructions for safe handling and use.

Section 8: Exposure controls/personal protection

8.1. Control parameters/Occupational exposure limit values:

Glutaraldehyde: TLV: 0,05 ppm – ACGIH, MAK: 0,05 ppm; 0,21 mg/m³ – German limit value

Isopropyl alcohol: TWA: 500 mg/m³; STEL: 1000 mg/m³ — 5/2020. (II.6.) Hungarian ITM decree

8.2 Exposure Controls

Users must be informed of the hazards of the product and the health and safety requirements for its use.

Professional users should be aware of the health hazard of the preparation, special care must be taken when handling, diluting and using the preparation to prevent any exposure to the product.

Technical measures

- The usual protective measures for chemicals must be observed.
- When used in confined spaces, adequate ventilation and/or local exhaust ventilation must be provided.
- Provide appropriate protective equipment, eye wash cup/bottle and wash/shower facilities.
- Use only clean, properly maintained personal protective equipment.

Hygiene measures

- Do not eat, drink or smoke while working!
- Remove contaminated clothing and footwear immediately.
- After work wash hands thoroughly and other skin surfaces exposed to the product.

Personal protective equipment

Workers should wear personal protective equipment, which must be kept clean and maintained, and stored in a clean place away from the work area.

- **Respiratory protection:** not necessary with adequate ventilation.
Avoid inhalation of vapours and sprays. If the concentration of hazardous components in the air exceeds the limits, respiratory protection is necessary in accordance with: EN 136 (*Respiratory protective device, full face masks*) and EN 149 (*Respiratory protection, protective devices, filtering half masks to protect against particles*) standards. Use half mask with replaceable filter cartridge (FFP3), respiratory mask with filter cartridge for protection against organic substances. See also Section 7.1.
- **Eye protection:** use of tightly fitting chemical safety goggles in accordance with personal eye protection standard (EN 166) when there is a risk of splashing, e.g. when handling or transferring large quantities, decontamination. The eyewash bottle must be readily accessible at all times in the work area.
- **Hand protection:** chemical resistant protective gloves complying with EN 374 standard. When choosing protective gloves, take into account the manufacturers' data on the chemical and mechanical resistance of the gloves (thickness, breakthrough time, abrasion resistance, etc.), the mechanical stress from the specific working conditions, the expected duration of contact with the preparation and the possibility of contact with other chemicals.
- **Body protection:** avoid contact with skin. Depending on the risk use protective clothing and footwear. Wear apron, protective clothing according to EN 465-468, EN 13034 standards and use protective footwear according to EN 344, EN 13832 standards.

Environmental exposure control: no special measurement is necessary. Avoid accidental release of the product into the environment.

The information above relate to professional and intended use in average circumstances. If operation is done in different or exceptional circumstances, you should consult an expert to decide on additional necessary actions and personal protective equipment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Appearance:	liquid, aqueous solution
Colour:	colourless
Odour:	characteristic
Odour threshold:	not determined
pH at 20°C:	6.5 – 7.0
Freezing point:	not available
Boiling point:	no data
Flash point:	non-flammable aqueous solution; >70°C (estimated)
Evaporation rate:	no data
Flammability (gas, solid):	not relevant
Explosion limits:	no data
Vapour pressure/vapour density:	not available
Density at 20°C:	1.016 ± 0.002 g/cm ³
Water solubility:	freely miscible, unlimited
Auto-ignition temperature:	not available
Decomposition temperature:	no data
Viscosity:	no data
Partition coefficient (log P _{o/w}):	not relevant, the product is a mixture
Explosion hazard:	no explosion hazard
Oxidizing properties:	not oxidizing

9.2. Other information

Information on physical hazard classes: the mixture is not classified in any of the physical hazard classes.

Other safety characteristics: none indicated as relevant for the safe use of the mixture.

Section 10: Stability and reactivity

10.1. Reactivity: glutaraldehyde can be polymerized, oxidized to acid or reduced to alcohol, and can undergo addition or condensation chemical reactions.

10.2. Chemical stability: the product is stable under normal conditions (ambient temperature and normal pressure), see storage conditions as specified in Section 7.2. Store it between: 0 - 20°C.

10.3. Possibility of hazardous reactions: decomposes by heat. Reaction with alkalis and oxidizing agents, amines.

10.4. Conditions to avoid: high temperatures, frost, contact with incompatible substances which promote the transformation, decomposition, polymerisation of aldehydes.

10.5. Incompatible materials: strong base, oxidizing agents. Do not mix with other products!

10.6. Hazardous decomposition product: in case of fire see Section 5.

Section 11: Toxicological information

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

No targeted toxicological studies are available. Assessment of toxicological properties is based on composition and classification criteria of Reg. (EC) No 1272/2008.

Acute toxicity (oral, dermal, inhalation): according to ATE_{mix} values the mixture is harmful by ingestion and by inhalation. The criteria for classification into Acute Tox. 4 (oral and inhal.) hazard classes are met: oral ATE_{mix}: 733 mg/kg bw; inhalation ATE_{mix}: 4.17 mg/l (vapour)).

Skin corrosion/irritation: based on the composition the mixture is classified as Skin Corr. 1B. The concentration of corrosive components in the product is well above 5%.

Serious eye damage/eye irritation: based on composition the classification criteria are met: Eye Dam. 1.

Respiratory or skin sensitization: due to the concentration of glutaraldehyde the mixture should be classified into Skin Sens. 1A and Resp. Sens. 1 hazard classes.

Carcinogenicity: classification criteria are not met as none of the components is classified as carcinogen.

Germ-cell mutagenicity: based on available data classification criteria are not met, components are not mutagenic.

Reproductive toxicity: based on available data and information classification criteria are not met. None of the components is known as being reproductive toxic.

Specific target organ toxicity single exposure (STOT SE): classification into STOT SE 3 (H335) based on the specific concentration limit for glutaraldehyde is not relevant, EUH 071 statement must be included.

Specific target organ toxicity repeated exposure (STOT RE): based on information of the components the classification criteria are not met for this hazard class.

Aspiration toxicity: classification criteria are not met.

11.2. Information on other hazards

When working with this product, general rules for handling chemicals must be observed.

The mixture does not contain any ingredient with endocrine disrupting properties according to the criteria laid down in Regulations (EU) No 2017/2100 and (EU) No 2018/605.

Section 12: Ecological information

12.1. Toxicity: no targeted studies have been conducted. The mixture is assessed on the basis of concentration, classifications and M-factor of components having aquatic acute and aquatic chronic hazard. The mixture is hazardous to the aquatic environment: Aquatic Acute 1 and Aquatic Chronic 2.

12.2. Persistence and degradability: glutaraldehyde is readily biodegradable (28 days, >90%, OECD 301). Quaternary ammonium salts and isopropyl alcohol are readily biodegradable. The biodegradability of the non-ionic surfactant in the product (28 days, >60%, OECD 301B) meets the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents.

12.3. Bio accumulative potential: no data, significant accumulation of components is not likely.

12.4. Mobility in soil: very likely mobile.

12.5. Results of PBT and vPvB assessment: components of the mixture do not meet the criteria for classification as PBT or vPvB.

12.6. Endocrine disrupting properties: components of the mixture are not found in the available lists and databases of suspected endocrine disruptors. Alkyl(C₁₂₋₁₆)dimethylbenzyl ammonium chloride and didecyldimethyl ammonium chloride are not considered as endocrine disrupting substances, according to opinions of ECHA/BPC/267/2020 and ECHA/BPC/265/2020.

12.7. Other adverse effect: not known.

Section 13: Disposal considerations

13.1. Waste treatment methods

Management of waste should follow Dir. (EC) No 2008/98/EC on waste. The generation of waste should be minimised or avoided wherever possible. Waste management must not endanger human health and the environment in particular water bodies.

When handling waste, the safety precautions applying to handling of the product should be considered.

Do not empty waste into drains, rivers, watercourses, ponds, standing waters, natural waterways. Contact your sales representative or local environmental authorities for approved disposal methods.

EWC code may vary depending on place of use, circumstances of waste generation.

07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

07 06 01* aqueous washing liquids and mother liquors

Section 14: Transport information

The product is a dangerous good under the conventions governing the international transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO).

14.1. UN-number or ID number: 1903

14.2. UN proper shipping name: DISINFECTANT LIQUID, CORROSIVE, N.O.S.

Contains: alkyl (C₁₂₋₁₆)dimethylbenzylammonium chloride, didecyldimethylammonium chloride and glutaraldehyde

14.3. Transport hazard class(es): 8

14.4. Packaging group: III

14.5. Environmental hazards: void

14.6. Special precautions for users: LQ: 5L, EQ: E1, Classification code: C9, Labels: 8, Hazard identification number: 80, Packaging instructions: P001, IBC03, LP01, R001
Special provision: 274; Transport category/Tunnel restriction code: 3 (E)

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 mixture

Glutaraldehyde is a SVHC, Substance of Very High Concern, included in the candidate list for authorisation, according to Article 57(f) of Reg. (EC) No 1907/2006.

Relevant European Acts

Regulation (EU) No 528/2012 of the European Parliament and of the Council concerning the making available on the market and use of biocidal products and its modifications

Alkyl (C₁₂₋₁₆)dimethylbenzylammonium chloride is an approved active substance in product types 3 and 4 by Reg. (EU) No 2021/1063; in product type 2 and by Reg. (EU) No 2024/235.

Didecyldimethylammonium chloride is an active substance approved by Regulation (EU) No 2021/1045 for product types 3 and 4 and by Regulation (EU) No 2022/1991 for product type 2.

Glutaraldehyde is an active substance approved by Reg. (EU) No 1759/2015 for product types 2, 3, 4, 6, 11 and 12.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and its modifications

Regulation (EC) No 1272/2008 and of the European Parliament and of the Council on Classification, labelling and packaging of substances and mixtures and its modifications

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

Lists of proposed occupational exposure limit values for the implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work in Directives 2000/39/EU, 2006/15/EU, 2009/161/EU, 2017/164/EU and 2019/1831/EU and Directive 2004/37/EC and its amendment; <https://echa.europa.eu/hu/cad-and-cmd-legislation>

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste

15.2. Chemical Safety Assessment: has not been carried out.

Section 16: Other information

The safety data sheet applies to the delivered product.

The information contained in the safety data sheet is correct to our best knowledge on the date of issue; it is intended as a guide for safe use, handling, disposal, storage and transport of the delivered product.

Safety data sheet does not replace product specification.

Consumers, users themselves are responsible for the risks and hazards resulting from the use of the product. Manufacturer, distributor do not assume any warranty or responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected to the handling, storage, use or disposal of the product because conditions of application, handling, storage, use or disposal of the product are beyond their control.

Classification of the product: the mixture is classified by calculation methods in accordance with the Reg. (EC) No 1272/2008.

Training recommendation: knowing and understanding of the safety data sheet. In the annual occupational safety training workers should be informed about the hazards of handling chemicals and the general safety and health protection measures.

SAFETY DATA SHEET SHOULD ALWAYS BE AVAILABLE FOR WORKERS AT HAND.

Full text, explanations H-statements and hazard classes for the pure substance(s) referred to in Section 3:

The numbers after the abbreviations in Section 3 indicate the category within the classes, the higher numbers indicate a lower hazard: Acute Tox. (oral, dermal, inhal.): acute toxicity (oral, dermal, inhalation); Aquatic Acute: short-term aquatic hazard, Aquatic Chronic: long-term aquatic hazard; Eye Dam.: serious eye damage; Eye Irrit.: eye irritation; Skin Corr.: skin corrosion; Skin Irrit: skin irritation; Skin Sens.: skin sensitization, Resp. Sens.: respiratory sensitization, Flam. Liq.: flammable liquid, STOT SE: specific target organ toxicity, single exposure

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to respiratory tract.
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE _{mix}	Acute Toxicity Estimate of a mixture
BPC	Biocidal Products Committee
CLP	Classification, Labelling and Packaging known as Reg. (EC) No. 1272/2008
ECHA	European Chemical Agency
ED	Endocrine disruptor
EWC	European Waste Code
GHS	Globally Harmonized System of Classification and Labelling of Chemicals – United Nations
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
IMO	International Maritime Organization
M	Multiplying factor to be used in the determination of acute and chronic aquatic environmental risk by the weighted summation method
MAK	Maximale Arbeitsplatz-Konzentration - the maximum concentration of a chemical substance in the workplace air which generally does not have known adverse effects on the health of employees even when a person is repeatedly exposed during long periods, usually for 8 hours daily but assuming on average a 40-hour working week.
MFSU	Wastes from the manufacture, formulation, supply and use
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bio accumulative and Toxic
RID	Regulations concerning the international carriage of Dangerous goods by rail
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals, Reg. (EC) No 1907/2006
STEL	Short-Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Values refer to airborne concentrations of chemical substances and represent conditions under which it is believed that nearly all workers may be repeatedly exposed, day after day, over a working lifetime, without adverse health effects.
vPvB	Very persistent and very Bio accumulative

History: SDS (version 1.0-EN) was issued: 11 March 2022 based on the manufacturer's data.
This SDS (2.0-EN) supersedes the previous one; changes are aimed at full compliance with the Reg. (EU) 2020/878.