Safety Data Sheet

Complies with Annex II of REACH - Regulation 2020/878

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

1.1. Product identifier

Code:	**D020402**
Name	**TECNOSHIELD**
Chemical name and synonyms	**Giosept Foam – TECNOSHIELD – Class Iia Medical Device – EU Regulation 2017/745 and s.a. (MDR) – CE Mark**

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

Description/Use **Disinfectant for medical-surgical devices**

Identified uses	Industrial	Professional	Consumption
Disinfectant for medical-surgical devices	-	✔	-

Uses advised against

Any use other than those identified

1.3. Details of the supplier of the safety data sheet

Company name	**GIOCHEMICA SRL**
Address	**Via Chiarelle 35**
Place and country	**37032 Monteforte d'Alpone (VR)** **Italy**
	tel. 0456103594
	fax 0454750297
e-mail of person skilled,	
Responsible for the safety data sheet	**info@giochemica.com**
Distributed by	**Tecnodent - Via 63ma Brigata Bolero, 24 - 40033 Casalecchio di Reno (BO) ITALY** **Tel: +39 051 6131143** **E-mail: info@tecnodent.com**

1.4. Emergency telephone number

For urgent information, contact	**045.6103594 or** **Poison Control Center of Pavia - Tel. +39.0382.24444** **Poison Control Center, Hospital Careggi Florence - Tel. +39.055.7947819** **Operational 24/7**

SECTION 2. Hazard identification

2.1. Classification of the substance or mixture

The product is classified as dangerous in accordance with the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product therefore requires a safety data sheet compliant with the provisions of Regulation (EU) 2020/878.
Any additional information regarding risks to health and/or the environment are given in sections. 11 and 12 of this sheet.

Classification and hazard statements:
The mixture is mainly made up of water and presents minimal risks.

Aquatic toxicity, chronic, category 3 (Aquatic Chronic 3, H412)	H412	Harmful to aquatic life with long-lasting effects.

2.2. Label elements

Hazard labeling in accordance with Regulation (CE) 1272/2008 (CLP) and subsequent amendments and adjustments.

Hazard pictograms: --

Warnings: Attention

Hazard statements:

H412 Harmful to aquatic life with long-lasting effects.

Precautionary statements:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Contains Chlorhexidine digluconate

2.3. Other dangers

The mixture does not contain any of the "Substances of Very High Concern" (SVHC)> = 0.1% published by the European Chemicals Agency (ECHA) pursuant to Article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table.
The mixture does not meet the criteria applicable to PBT and vPvB mixtures, pursuant to Annex XIII of the REACH Regulation (EC) No. 1907/2006.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	**x = Conc. % p/p**	**Classification 1272/2008 (CLP)**
Cocamidopropylbetaine		
CAS 61789-40-0	1,50	Eye Dam. 1 H318, Aquatic Chronic 3 H412
CE 263-058-8		
INDEX --		
Didecyldimethylammonium chloride		
CAS 7173-51-5	0,14	Flam. Liq. 3 H226, Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam. 1 H318, STOT SE 3 H336, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1
CE 230-525-2		
INDEX --		
Chlorhexidine digluconate		
CAS 18472-51-0	0,10	Eye Dam. 1 H318, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1
CE 242-354-0		
INDEX --		

Full text of H statements: see section 16.

SECTION 4. First aid measures

4.1. Description of first ad measures

As a general rule, if in doubt or if symptoms persist, always call a doctor. NEVER make an unconscious person ingest anything.
There are no known episodes of damage to the personnel assigned to use the product. If necessary, take the following general measures:
INHALATION: Not relevant.
INGESTION: Do not give anything to an unconscious person. Rinse your mouth with water. Call a doctor.
EYES: intervene immediately; wash thoroughly with running water for at least 15 minutes, keeping the eyelid well away from the eye. Immediately send the injured person to an ophthalmologist. Do not treat the eye with ointments or oils.
SKIN: Wash with plenty of water. In case of persistent irritation, consult a doctor.

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

No specific information on symptoms and effects caused by the product is known.

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

In case of ingestion it is necessary to consult a doctor immediately.

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA
Nebulized water, foam, resistant alcohol, dry chemicals or carbon dioxide. For product leaks and spills that have not caught fire, water spray can be used to disperse flammable vapors and protect those involved in stopping the leak.
UNSUITABLE EXTINGUISHING MEDIA
None.

5.2. Special hazards arising from the substance or mixture

The main decomposition products: carbon oxides, hydrochloric acid gas.

5.3. Advice for firefighters

GENERAL INFORMATION
In case of fire, if necessary, wear respiratory protection devices with independent air supply.
EQUIPMENT
Normal firefighting clothing, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), flame retardant gloves (EN 659) and firefighter boots (HO A29 or A30).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use protective visor. In case of emergency, evacuate personnel to safety areas. Remove sources of ignition, provide adequate ventilation.
In the event of a small spill, stop the leak if there is no danger. In case of accidental release, follow the instructions below.
6.1.1 For those not directly involved:
a) wear a protective visor;
b) remove sources of ignition, provide adequate ventilation;
c) in case of emergency, evacuate personnel to safety areas.
6.1.2 For those directly involved:
a) wear adequate protective equipment (including personal protective equipment referred to in section 8 of this sheet); Suitable material for personal protective clothing: all;

b) remove sources of ignition, provide adequate ventilation;
c) in case of emergency, evacuate personnel to safety areas.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, groundwater.

6.3. Methods and material for containment and cleaning up

None in particular.

6.4. Reference to other section

Any information regarding personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precaution for safe handling

Apply legislation regarding safety and hygiene at work. Use the personal protective equipment described in paragraph 8. Avoid contact with eyes. Water point nearby.
Do not eat, drink or smoke during use. Wash your hands after use. Avoid dispersing the product into the environment.
Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep the containers closed, in a well-ventilated place, away from direct sunlight. Store in a cool and well-ventilated place, away from heat sources, open flames, sparks and other sources of ignition. Keep containers away from any incompatible materials, checking section 10. Store in accordance with local/national regulations.

7.3. Specific end uses

Follow the product instructions specified on the label or in the information sheet. Also refer to the information on safe use when attached to this safety data sheet. The solution is exclusively dedicated as a disinfectant of medical-surgical devices.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Normative requirements:
It does not contain substances with occupational exposure limit values.

8.2. Exposure controls

Considering that the use of adequate technical measures should always have priority over personal protective equipment, ensure good ventilation in the workplace through effective local exhaust.
For the choice of personal protective equipment, if necessary, seek advice from your chemical suppliers.
Personal protective equipment must bear the CE mark which certifies their compliance with current regulations.

Provide an emergency shower with face and eye basin.

HAND PROTECTION
Not relevant.

SKIN PROTECTION

Not relevant.

EYE PROTECTION
Not relevant.

RESPIRATORY PROTECTION
Not relevant.

ENVIRONMENTAL EXPOSURE CONTROLS
Not relevant.

SECTION 9. Chemical-physical properties

9.1. Information on basic physical and chemical information properties

Physical state	Clear liquid	
Colour	Colourless	
Odor	Odorless	
Odour threshold	Unavailable	Reason for missing data: No test performed
pH	6,00 - 8,00	
Melting/freezing point	Unavailable	Reason for missing data: No test performed
Original boiling point	Unavailable	Reason for missing data: No test performed
Boiling range	Unavailable	Reason for missing data: No test performed
Flash point	Unavailable	Reason for missing data: No test performed
Evaporation rate	Unavailable	Reason for missing data: No test performed
Flammability solid/gas	Not applicable	Reason for missing data: Liquid product
Flammability lower limit	Unavailable	Reason for missing data: No test performed
Flammability upper limit	Unavailable	Reason for missing data: No test performed
Explosion lower limit	Unavailable	Reason for missing data: No test performed
Explosion upper limit	Unavailable	Reason for missing data: No test performed
Vapour pressure	Unavailable	Reason for missing data: No test performed
Relative vapor density	Unavailable	Reason for missing data: No test performed
Density and/or relative density	1,010 ± 0,010	Method: EN ISO 12185-00
Solubility	Miscible in water	Lipo-solubility: not miscible
Partition coefficient: n-octanol / water	Unavailable	Reason for missing data: No test performed
Auto-ignition temperature	Unavailable	Reason for missing data: No test performed
Decomposition temperature	Undetermined	
Viscosity	Unavailable	Reason for missing data: No test performed
Explosive properties	It has no	
Oxidizing properties	Unavailable	
Particle characteristics	Not applicable	Reason for missing data: Liquid product

9.2. Other information

9.2.1. Information of physical hazards classes
Information not available.
9.2.2. Other safety characteristics
Information not available.

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable within the terms indicated on the label, under normal conditions of use and storage.

10.3. Possibility of danger reactions

None.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Anionic surfactants, strong acids, strong bases and strong oxidizing agents.

10.6. Hazardous decomposition products

The main products of combustion/decomposition are: carbon dioxide, carbon monoxide and nitrogen oxides.

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, any health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria provided for by the reference legislation for classification.
Therefore, consider the concentration of the individual dangerous substances possibly mentioned in sect. 3, to evaluate the toxicological effects resulting from exposure to the product.

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

No toxicological information is available on the mixture.

CHLORHEXIDINE DIGLUCONATE 20% SOLUTION
DL_{50} rat (oral): > 2000 mg/kg
Respiratory or skin sensitization
Maximisation Test – guinea pig - It causes awareness. - OECD TG 406
Germ cell mutagenicity
No data available.
Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC.
Reproductive toxicity
No data available.
Specific target organ toxicity – single exposure
No data available.
Specific target organ toxicity – repeated exposure
No data available.
Aspiration hazard
No data available.
Potential health consequences
Inhalation: It can be harmful if inhaled. May cause respiratory tract irritation.
Ingestion: It can be dangerous if ingested.
Skin: May be harmful if absorbed through the skin. May cause skin irritation.

DIDECYLDIMETHYLAMONIUM CHLORIDE
Acute toxicity - Ingestion
DL_{50} (lethal dose - rat): 238 mg/Kg (OECD TG 401)
Acute toxicity - Inhalation
CL_{50} (rat): Undetermined
Acute toxicity - Skin
DL_{50} (rabbit): 3.342 mg/kg
Irritating power - Eyes

Undetermined
Irritating power - Skin
Rabbit - 3 min. : Irritant (OECD TG 404)
Genotoxicity "in vitro"
Ames Test, Salmonella typhimurium: Negative (OECD 471).
Chromosomal aberration, CHO cells: Negative.
Genic mutation, CHO cells: Negative.
Genotoxicity "in vivo"
In vivo chromosomal aberration, method of application: Oral (rat): Negative (OECD 475).

COCOAMIDOPROPYLBETAINE
Acute toxicity - Ingestion
DL_{50} (lethal dose - rat): > 2.000 mg/Kg (data derived from similar products)
Acute toxicity - Inhalation
CL_{50} (rat): Undetermined
Acute toxicity - Skin
DL_{50} (rabbit) : Undetermined
Irritating power - Eyes
Rabbit: strongly irritating (OECD 405)
Irritating power - Skin
Rabbit (4 hour): Not irritant (semi-occlusive application - OECD 404)
Genotoxicity "in vitro"
Undetermined
Genotoxicity "in vivo"
Undetermined
Sensitization
Undetermined.

SECTION 12. Ecological information

Use according to good working practices, avoiding dispersing the product in the environment. Notify the competent authorities if the product has reached water courses or if it has contaminated the soil or vegetation.

12.1. Toxicity

The product must be used according to good working practices, avoiding its dispersion into the environment. The ecotoxicity data of the individual components of the preparation are shown below.

CHLORHEXIDINE DIGLUCONATE 20% SOLUTION
IC_{50} (Algae): $0,01 < IC_{50} \leq 0,1$ mg/l
EC_{50} (Daphnia): $0,1 < EC_{50} \leq 1$ mg/l

DIDECYLDIMETHYLAMONIUM CHLORIDE
Toxicity to fish: LC_{50} - Oncorhynchus mykiss (Rainbow trout) - 1,0 mg/l - 96 h (OECD TG 203)
Chronic toxicity: NOEC - Brachydanio rerio (zebra-fish) - 0,032 mg/l - 34 d (OECD 210)
Toxicity to Daphnia: EC_{50} - Daphnia magna (Large water flea) - 0,094 mg/l - 48 h (EPA-FIFRA)
NOEC - Daphnia magna (Pulce d'acqua grande) - 0,010 mg/l - 34 d (OECD 211)
Toxicity to algae: EC_{50} - Selenastrum capricornutum (Alghe cloroficee) - 0,026 mg/l - 96 h (OECD TG 201)
Toxicity to bacteria: EC_{10} Pseudomonas putida - 0,13 mg/l - 16 h (DIN 38412 parte 8)
EC_{50} Fanghi attivi - 11 mg/l - 3 h (OECD 209)

COCOAMIDOPROPYLBETAINE
Toxicity to fish: LC_{50} - Rainbow trout, 96 h: 5,7 mg/l (data derived from similar substances)

12.2. Persistence and degradability

CHLORHEXIDINE DIGLUCONATE 20% SOLUTION
The substance is slowly degradable.

DIDECYLDIMETHYLAMONIUM CHLORIDE
Abiotic degradation. Hydrolytically stable (EPA-FIFRA).
Biodegradability: modified Sturm assay: 72% - Rapidly biodegradable - Duration of the experiment: 28 d (OECD 301B)
Formation of CO_2: 81%. Duration of the experiment: 28 d (US-EPA)

Die-Away Test: 93,3%. Duration of the experiment: 28 d
OECD Confirmatory Test: 91% - 24. Duration of the experiment: 70 d (OECD 303 A)
Zahn-Wellens Test: 87 - 94%. Duration of the experiment: 28 d
The ingredient, as a cationic surfactant, complies with the biodegradability criteria established by Regulation (EC) no. 648/2004 relating to detergents.

COCOAMIDOPROPYLBETAINE
CO_2 evolution test (OECD 301B): 94 % (28 days).
The ingredient, as an amphoteric surfactant, complies with the biodegradability criteria established by Regulation (EC) no. 648/2004 relating to detergents.

12.3. Bioaccumulation potential

CHLORHEXIDINE DIGLUCONATE 20% SOLUTION
It is not believed to be bioaccumulative.

DIDECYLDIMETHYLAMONIUM CHLORIDE
It does not bioaccumulative: Bioconcentration factor (BCF): 81,00.
Species: Fish - sale Bluegill – Exposition time: 46 d (EPA-FIFRA).

COCOAMIDOPROPYLBETAINE
No data available.

12.4. Mobility in soil

CHLORHEXIDINE DIGLUCONATE 20% SOLUTION
The substance is soluble in water and can spread in the aquatic environment.

DIDECYLDIMETHYLAMONIUM CHLORIDE
No data available.

COCOAMIDOPROPYLBETAINE
No data available.

12.5. Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB substances in percentage ≥ 0.1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment being evaluated.

12.7. Other adverse effects

Information not available.

SECTION 13. Disposal consideration

13.1. Waste treatments methods

Appropriate waste management of the mixture and/or its container must be determined in accordance with the provisions of Directive 2008/98/EC. Disposal workers must equip themselves with all the PPE required for handling and listed in point 8.2.

RESIDUE
Residues must be handled and eliminated in accordance with local and national regulations in force.
CONTAMINATED PACKAGING
Empty and contaminated packaging must be disposed of in accordance with local and national regulations in force. Waste similar to urban waste such as undifferentiated dry waste.
PRODUCT
Avoid disposal through the sewer system. Bury the expired product in an authorized landfill or incinerate under approved controlled conditions, using suitable incinerators for the disposal of chemical waste.

The CER codes suggested below refer respectively to: product intact and not subjected to manipulation, for its packaging when disposed of dirty. Waste codes (Decision 2001/573/CE, Directive 2006/12/CEE, Directive 94/31/CEE relating to hazardous waste):
15 01 02 Plastic packaging.
18 01 07 Chemicals other than those mentioned in 18 01 06.

SECTION 14. Transport information

14.1. UN number or ID number

Not applicable.

14.2. ONU Shipping name

Not applicable.

14.3. Transport hazard classes

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

ADR / RID:	NO
IMDG:	NO
IATA:	NO

14.6. Special precautions for users

Not applicable.

14.7. Maritime transport in bulk in accordance with IMO acts

Information not relevant.

SECTION 15. Regulatory information

15.1. Health, safety and environmental legislation and regulations specific to the substance or mixture

Seveso Category - Directive 2012/18/CE: None

Restrictions relating to the product, or the substances contained according to Annex XVII Regulation (EC) 1907/2006

Product
Unavailable

EU Regulation 2019/1148 – relating to the placing on the market and use of explosive precursors

Not applicable.

Substances in Candidate List (Art. 59 REACH)

Based on available data, the product does not contain SVHC substances in percentage ≥ 0.1%.

Substances subject to authorization (Annex XIV REACH)

None

Substances subject to export notification requirement Reg. (CE) 649/2012:

None

Substances subject to the Rotterdam Convention:

Unavailable

Substances subject to the Stockholm Convention:

Unavailable

Sanitary checks

Unavailable.

15.2. Chemical safety assessment

A chemical safety assessment has not been developed for the mixture/substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) statements mentioned in sections 2-3 of the sheet:

Flam. Liq. 3	Flammable liquid, category 3
Acute Tox. 4	Acute toxicity (orally), category 4
Skin Corr. 1B	Corrosive to the eyes, category 1B
Eye Dam. 1	Eye damage, category 1
STOT SE 3	Specific target organ toxicity (single exposure), category 3
Aquatic Acute 1	Aquatic toxicity, acute, category 1
Aquatic Chronic 1	Aquatic toxicity, chronic, category 1
Aquatic Chronic 3	Aquatic toxicity, chronic, category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
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.

LEGEND:
- ADR: European agreement for the carriage of dangerous goods by road
- CAS: Chemical Abstract Service Number
- EC50: Concentration that affects 50% of the population tested
- CE: Identification number in ESIS (European Archive of Existing Substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System for the classification and labeling of chemicals
- IATA DGR: Regulations for the transport of dangerous goods of the International Air Transport Association
- IC50: Concentration of immobilisation of 50% of the test population
- IMDG: International Maritime Code for the transport of dangerous goods

- IMO: International Maritime Organization
- INDEX: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Level of occupational exposure
- PBT: Persistent, bioaccumulating and toxic according to REACH
- PEC: Predictable environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predicted No Effect Concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation for the international transport of dangerous goods by train
- STA: Acute Toxicity Estimate
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded during any moment of occupational exposure.
- TWA STEL: Short Term Exposure Limit
- TWA: Weighted average exposure limit
- VOC: Volatile organic compound
- vPvB: Very persistent and very bioaccumulating according to REACH
- WGK: Aquatic hazard class (Germany

GENERAL BIOBLIOGRAPHY:
1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 2020/878 (Annex II REACH Regulation)
4. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- Website IFA GESTIS
- Agency website ECHA
- Database of SDS models of chemicals - Ministry of Health and National Institute of Health

Note for user:
The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product.
This document should not be construed as a guarantee of any specific property of the product.
Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force regarding hygiene and safety under his own responsibility. No responsibility is assumed for improper use.
Provide adequate training for personnel involved in the use of chemicals.

CLASSIFICATION' S METHODS OF CALCULATING
Physical-chemical hazards: The classification of the product was derived from the criteria established by the CLP Regulation Annex I Part 2. The methods for assessing the physical-chemical properties are reported in section 9.
Health hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 3, unless otherwise indicated in

section 11.
Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, unless otherwise indicated in section 12.