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

1.1. Product identifier

Product name

Trade names

Product synonym

: Lyophilized or Dried Biological Material Preparations Charcoal and non-charcoal based Microorganism Products : KWIK-STIK™ KWIK-STIK[™] Plus LYFO-DISK™ Epower™ Epower[™] CRM EZ-CFU™ EZ-CFU™ One Step EZ-PEC™ EZ-SPORE™ Lab-Elite[™] CRM EZ-Accu Shot™ EZ-Accu Shot[™] Select EZ-Accu Shot[™] Selective Media EZ-Accu Shot[™] Starved Cells

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

: Used for microbiological quality control.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Microbiologics, Inc. 200 Cooper Avenue North Saint Cloud, MN 56303 +1.320.253.1640 info@microbiologics.com

1.4. Emergency telephone number

24 hour Emergency Number: +44 1865 407333 (Carechem-English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP] No labeling applicable

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Gelatin	(CAS-No.) 9000-70-8 (EC-No.) 232-554-6	5 - 60	Not classified
Sucrose	(CAS-No.) 57-50-1 (EC-No.) 200-334-9	0 - 60	Not classified
Glucose	(CAS-No.) 50-99-7 (EC-No.) 200-075-1	0 - 60	Not classified
Phosphoric acid, potassium salt (1:1)	(CAS-No.) 7778-77-0 (EC-No.) 231-913-4	5 - 35	Not classified
Albumins, blood serum	(CAS-No.) 9048-46-8 (EC-No.) 232-936-2	10 - 30	Not classified
Skim milk (Bovine - USA origin)	None	2 - 20	Not classified
Water	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	1 - 10	Not classified
L-Ascorbic acid	(CAS-No.) 50-81-7 (EC-No.) 200-066-2	1 - 5	Not classified
Carbon	(CAS-No.) 7440-44-0 (EC-No.) 231-153-3	0 - 5	Not classified

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Avoid the production of aerosols. If inhalation occurs, move to an area of fresh air and seek medical advice.
First-aid measures after skin contact	: Non-irritant. If skin contact occurs, wash with an appropriate biocidal solution.
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 irritation persists, get medical advice/attention.
First-aid measures after ingestion	: Avoid hand to mouth contact. If ingested, seek medical advice.
4.2. Most important symptoms and effects (ad	cute and delayed)
Symptoms/injuries after inhalation Symptoms/injuries after skin contact Symptoms/injuries after eye contact Symptoms/injuries after ingestion	 Inhalation of infectious materials may result in infection. None anticipated under normal product use conditions. Contact with eyes may cause infection. May be harmful if swallowed.
4.3. Indication of any immediate medical atten	tion and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Use suitable extinguishing media for surrounding fire.None.
5.2. Special hazards arising from the substant	ce or mixture
Fire hazard	: None.
Explosion hazard	: None.
Hazardous decomposition products in case of fire	: Not determined.
5.3. Advice for firefighters	
Protection during firefighting	: Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Notify all people working in the immediate area of the incident. Do not leave the area unattended (unless you are the only individual in the area). Designate another employee to divert traffic from the incident area. Use disposable gloves, moisture impervious aprons, and other protective clothing must be dictated by the standard operational procedures of each individual laboratory.

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6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

6.3. Methods and material for contain	
For containment	: Stop the flow of material, if this is without risk
Methods for cleaning up	: Biohazard Spill Kits are available from commercial sources, or can be made with the following materials:
	 A bottle of an aqueous germicidal solution
	 One pair of disposable gloves
	• Forceps
	 One biohazard bag with closure
	 One stack or roll of paper towels
	Note: A sharps biohazard container should also be available for the collection of any broken material that could cause a cut or puncture wound (e.g. broken glass vial or tube).
	Procedure:
	 After notifying all employees in the immediate area, collect the biohazard spill kit and immediately return to the area.
	Put on the disposable gloves, and any other personal protective equipment as dictated by regulatory requirements or laboratory procedures.
	To avoid injury due to broken material, such as packaging or labware, use the forceps to pick up as much material as possible, and carefully place the materials into the sharps biohazard container.
	4. Cover area with paper towels to decrease spread of spill and the creation of an aerosol.
	Saturate the spill area with germicidal solution. Keep the spill area moist with the germicidal solution for the appropriate amount of time as indicated on the germicidal solution used.
	6. Wipe up the area with the paper towels. Place all used paper towels in the biohazard bag.
	7. Following the cleanup, carefully remove the gloves, and place them into the biohazard bag.
	8. Seal the biohazard bag.

6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	 Proper techniques must be employed to avoid exposure and contact with microorganism growth, and rehydrated pellet suspensions. The microbiology laboratory personnel using these devices must be trained, experienced, and demonstrate proficiency in processing, maintaining, storing and disposing of biohazard material.
7.2. Conditions for safe storage, including any	/ incompatibilities
Storage conditions	: The viable biological material preparation must be stored at 2°C - 8°C in the original sealed container. The microbiology laboratory must be equipped, and have the facilities to receive, process, maintain, store and dispose of biohazard material.
Incompatible materials	: Not determined
7.3. Specific end use(s)	

Used for microbiological quality control.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sucrose (57-50-1)		
Belgium	Limit value (mg/m ³)	10 mg/m ³
Bulgaria	OEL TWA (mg/m³)	10 mg/m ³ (dust, inhalable fraction)
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	10 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	20 mg/m ³
Estonia	OEL TWA (mg/m³)	10 mg/m ³
France	VME (mg/m ³)	10 mg/m ³

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Sucrose (57-50-1)		
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³
Ireland	OEL (15 min ref) (mg/m3)	20 mg/m ³
Latvia	OEL TWA (mg/m ³)	5 mg/m ³ (dust)
Lithuania	IPRV (mg/m ³)	10 mg/m ³
Portugal	OEL TWA (mg/m ³)	10 mg/m ³
Slovakia	NPHV (priemerná) (mg/m³)	6 mg/m ³ (total aerosol)
Spain	VLA-ED (mg/m ³)	10 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	20 mg/m ³
Australia	TWA (mg/m³)	10 mg/m ³ (containing no asbestos and <1% crystal- line silica-inhalable dust)
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³
USA - ACGIH	ACGIH TWA (mg/m³)	10 mg/m ³
USA - NIOSH	NIOSH REL (TWA) (mg/m ³)	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Carbon (7440-44-0)		
Austria	MAK (mg/m³)	5 mg/m ³ (alveolar dust with <1% Quartz, respirable fraction)
Austria	MAK Short time value (mg/m ³)	10 mg/m ³ (alveolar dust with <1% Quartz, respirable fraction)
Poland	NDS (mg/m³)	4 mg/m ³ (natural-inhalable fraction) 1 mg/m ³ (natural-respirable fraction) 6 mg/m ³ (synthetic-inhalable fraction)

8.2. Exposure controls

Appropriate engineering controls	: Local exhaust and general ventilation must be adequate to meet exposure standards. Restrict access to the area. Use under the direct supervision of, persons trained and competent in microbiological techniques. Good laboratory practices must be observed and followed.
Hand protection	: Wear general protective gloves.
Eye protection	: Safety glasses with side shields.
Skin and body protection	: Wear moisture impervious aprons and safety footwear.
Respiratory protection	: When undertaking procedures that are likely to give rise to infectious aerosols, a Class 1 microbiological biological safety cabinet should be used. If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.
Thermal hazards	: No additional information available
Environmental exposure controls	: Avoid release to the environment. Notify authorities if product enters sewers or public waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chem	nical properties
Physical state	: Solid
Appearance	: Freeze dried pellet
Odor	: Odorless
Odor threshold	: No data available
PH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
/apor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Miscible
Log Pow	: No data available

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Auto-ignition temperature	
	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Particle characteristics	: Not applicable
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	У
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable under normal ambient and anticipate	ed storage and handling conditions.
10.3. Possibility of hazardous reactions	
Will not occur.	
10.4. Conditions to avoid	
Avoid inhalation of infectious aerosols or in	igestion.
10.5. Incompatible materials	
Many chemicals may kill the organism encl	losed. There are no additional hazards created by incompatible materials.
10.6. Hazardous decomposition produc	ts
When stored as directed, the biological ma storage does not affect the risk of infection.	aterial preparations are stable until the last day of the stated month of the expiration date. The length of .
SECTION 44. Taxia ala giaglinforma	4ian
-	
11.1. Information on toxicological effect	ts
11.1. Information on toxicological effect Acute toxicity (oral)	ts : Not classified
11.1. Information on toxicological effec Acute toxicity (oral) Acute toxicity (dermal)	ts : Not classified : Not classified
11.1. Information on toxicological effec Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	ts : Not classified
11.1. Information on toxicological effec Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5)	ts : Not classified : Not classified : Not classified
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat	ts : Not classified : Not classified
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7)	ts : Not classified : Not classified : Not classified > 90 ml/kg
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat	ts : Not classified : Not classified : Not classified
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7)	ts : Not classified : Not classified : Not classified v 90 ml/kg 25800 mg/kg (7778-77-0)
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat	ts : Not classified : Not classified : Not classified > 90 ml/kg 25800 mg/kg
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1)	ts : Not classified : Not classified : Not classified > 90 ml/kg 25800 mg/kg (7778-77-0) 29700 mg/kg
LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat	ts : Not classified : Not classified : Not classified v v 25800 mg/kg (7778-77-0)
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0)	ts : Not classified : Not classified : Not classified ////////////////////////////////////
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0) LD50 oral rat	ts : Not classified : Not classified : Not classified 290 ml/kg 25800 mg/kg (7778-77-0) 29700 mg/kg
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0)	ts : Not classified : Not classified : Not classified ////////////////////////////////////
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0) LD50 oral rat	ts : Not classified : Not classified : Not classified ////////////////////////////////////
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0) LD50 oral rat LD50 oral rat LD50 oral rat LD50 oral rat LD50 oral rat LD50 oral rat LD50 oral rat Skin corrosion/irritation	ts : Not classified : Not classified : Not classified > 90 ml/kg 25800 mg/kg (7778-77-0) 29700 mg/kg 29700 mg/kg - > 10000 mg/kg
 11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0) LD50 oral rat LD50 oral rat LD50 oral rat Sucrosion/irritation Serious eye damage/irritation 	ts : Not classified : Not classified : Not classified > 90 ml/kg 25800 mg/kg (7778-77-0) 29700 mg/kg 29700 mg/kg 11900 mg/kg : Not classified : Not classified
11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0) LD50 oral rat L-Ascorbic acid (50-81-7) LD50 oral rat Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization	ts : Not classified : Not classified > 90 ml/kg 25800 mg/kg (7778-77-0) 29700 mg/kg 29700 mg/kg : 10000 mg/kg : Not classified :
 11.1. Information on toxicological effect Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) Water (7732-18-5) LD50 oral rat Glucose (50-99-7) LD50 oral rat Phosphoric acid, potassium salt (1:1) (LD50 oral rat Sucrose (57-50-1) LD50 oral rat Carbon (7440-44-0) LD50 oral rat LD50 oral rat LD50 oral rat Sucrosion/irritation Serious eye damage/irritation 	ts : Not classified : Not classified : Not classified ////////////////////////////////////

Specific target organ toxicity – single exposure : Not classified Specific target organ toxicity – repeated exposure : Not classified

Carcinogenicity

Aspiration hazard

Reproductive toxicity

: Not classified

: Not classified

: Not classified

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11.2. Information on other hazards	
Endocrine disrupting properties Potential adverse human health effects and symptoms	: No additional information available : No additional information available
SECTION 12: Ecological information	
12.1. Toxicity	
Aquatic acute Aquatic chronic	: Not classified : Not classified
12.2. Persistence and degradability	
No additional information on components is avail	ilable
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information on components is available	ilable
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
No additional information available	
SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose of contents/container in accordance with local/regional/national/international regulations.
SECTION 14 Transport Information	
In accordance with ADR / RID / IMDC / IATA / A	

In accordance with ADR / RID / IMDG / IATA / ADN

Most Microbiologics microorganism strains ship according to UN classification UN3373. However, there are several Microbiologics microorganism strains which ship according to UN classification UN2814.

Visit www.microbiologics.com to obtain technical information bulletin TIB.2023 for most up to date information regarding UN2814 strains.

14.1. UN number		
UN-No. (ADR) UN-No. (IMDG)	: 3373; 2814 : 3373: 2814	
UN-No. (IATA)	: 3373; 2814	
UN-No. (ADN)	: 3373: 2814	
UN-No. (RID)	: 3373; 2814	
14.2. UN proper shipping name		
UN3373		
Proper Shipping Name (ADR)	: BIOLOGICAL SUBSTANCE, CATEGORY B	
Proper Shipping Name (IMDG)	: BIOLOGICAL SUBSTANCE, CATEGORY B	
Proper Shipping Name (IATA)	: Biological substance, category b	
Proper Shipping Name (ADN)	: BIOLOGICAL SUBSTANCE, CATEGORY B	
Proper Shipping Name (RID)	: BIOLOGICAL SUBSTANCE, CATEGORY B	
Transport document description (ADR)	: UN 3373 BIOLOGICAL SUBSTANCE, CATEGORY B, 6.2, (-)	
Transport document description (IMDG)	: UN 3373 BIOLOGICAL SUBSTANCE, CATEGORY B, 6.2	
Transport document description (IATA)	: UN 3373 Biological substance, category b, 6.2	
Transport document description (ADN)	: UN 3373 BIOLOGICAL SUBSTANCE, CATEGORY B, 6.2	
Transport document description (RID)	: UN 3373 BIOLOGICAL SUBSTANCE, CATEGORY B, 6.2	
UN2814		
Proper Shipping Name (ADR)	: INFECTIOUS SUBSTANCE, AFFECTING HUMANS	
Proper Shipping Name (IMDG)	: INFECTIOUS SUBSTANCE, AFFECTING HUMANS	
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Lyophilized or Dried Biological Material Preparations Safety Data Sheet

Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR) Transport document description (IMDG) Transport document description (IATA) Transport document description (ADN) Transport document description (RID)	 Infectious substance, affecting humans INFECTIOUS SUBSTANCE, AFFECTING HUMANS INFECTIOUS SUBSTANCE, AFFECTING HUMANS UN 2814 INFECTIOUS SUBSTANCE, AFFECTING HUMANS, 6.2, (E) UN 2814 INFECTIOUS SUBSTANCE, AFFECTING HUMANS, 6.2 	
14.3. Transport hazard class(es)		
UN3373 and UN2814		
ADR		
Transport hazard class(es) (ADR) Hazard labels (ADR)	: 6.2 : 6.2	
Hazaiu labeis (ADK)		
IMDG		
Transport hazard class(es) (IMDG) Hazard labels (IMDG)	: 6.2 : 6.2	
	6	
IATA Transport hazard class(es) (ADR)	: 6.2	
Hazard labels (ADR)	: 6.2	
ADN Transport hazard class(es) (ADN)	: 6.2	
Hazard labels (ADN)	: 6.2	
RID Transport hazard class(es) (RID) Hazard labels (RID)	: 6.2 : 6.2 :	
14.4. Packing group	6	
Packing group (ADR)	: Not applicable	
Packing group (IMDG)	: Not applicable	
Packing group (IATA)	: Not applicable	
Packing group (ADN)	: Not applicable	
Packing group (RID)	: Not applicable	
14.5. Environmental hazards		
Dangerous for the environment Marine pollutant	: No : No	
Other information	: No supplementary information available	
14.6. Special precautions for user		
UN3373		
- Overland transport		
Classification code (ADR)	: 14	
Special provision (ADR)	: 319	

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Limited quantities (ADR)	:	0
Excepted quantities (ADR)	-	EO
Packing instructions (ADR)		P650
Portable tank and bulk container instructions (ADR		
Portable tank and bulk container special		TP1
provisions (ADR)	•	11 1
		L4BH
Tank code (ADR)	:	
Tank special provisions (ADR)	:	TU15, TU37, TE19
Vehicle for tank carriage	-	AT
Special provisions for carriage - Operation (ADR)	:	S3
Hazard identification number (Kemler No.)	:	606
Orange plates	:	606
		606
		3373
		5515
Tunnel restriction code (ADR)	:	-
EAC	:	2X
- Transport by sea		
Special provision (IMDG)	:	319, 341
Limited quantities (IMDG)		0
Excepted quantities (IMDG)	:	EO
Packing instructions (IMDG)	:	
	-	P650
Tank instructions (IMDG)	:	T1, BK2
Tank special provisions (IMDG)	:	TP1
EmS-No. (Fire)	:	F-A
EmS-No. (Spillage)	:	S-T
Stowage category (IMDG)	:	С
Stowage and handling (IMDG)	:	SW2, SW18
- Air transport PCA Excepted quantities (IATA)		E0
PCA Limited quantities (IATA)		Forbidden
	:	Forbidden
PCA limited quantity max net quantity (IATA)	•	
PCA packing instructions (IATA)	•	See 650
PCA max net quantity (IATA)	:	See 650
CAO packing instructions (IATA)	:	See 650
CAO max net quantity (IATA)	:	See 650
ERG code (IATA)	:	11L
 Inland waterway transport 		
Classification code (ADN)	:	14
Special provision (ADN)	:	319
Limited quantities (ADN)	:	0
Excepted quantities (ADN)	:	E0
Equipment required (ADN)	:	PP
Number of blue cones/lights (ADN)	:	0
3()		
- Rail transport		
Classification code (RID)	:	14
Special provision (RID)	:	
	:	
Limited quantities (RID)	•	0
Excepted quantities (RID)	÷	E0
Packing instructions (RID)	:	P650
Portable tank and bulk container instructions (RID)	:	
Portable tank and bulk container special	:	TP1
provisions (RID)		
Tank codes for RID tanks (RID)	:	L4BH
Special provisions for RID tanks (RID)	:	TU15, TU37
Colis express (express parcels) (RID)	:	CE14
Hazard identification number (RID)	:	606

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UN 2814

 Overland transport Classification code (ADR) Special provision (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Transport category (ADR) Special provisions for carriage - Loading, unloading and handling (ADR) Special provisions for carriage - Operation (ADR) Tunnel restriction code (ADR) EAC 	: I1 : 318 : 0 : E0 : P620 : MP5 : 0 : CV13, CV25, CV26, CV28 : S3, S9, S15 : E : 2X
- Transport by sea Special provision (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) Tank instructions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Stowage and handling (IMDG)	: 318, 341 : 0 : E0 : P620 : BK2 : F-A : S-T : None : SW7
 Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provision (IATA) ERG code (IATA) 	: E0 : Forbidden : Forbidden : 620 : 50g : 620 : 4kg : A81, A140 : 11Y
- Inland waterway transport Classification code (ADN) Special provision (ADN) Limited quantities (ADN) Excepted quantities (ADN) Equipment required (ADN) Number of blue cones/lights (ADN)	: I1 : 318, 802 : 0 : E0 : PP : 0
- Rail transport Classification code (RID) Special provision (RID) Limited quantities (RID) Excepted quantities (RID) Packing instructions (RID) Mixed packing provisions (RID) Transport category (RID) Special provisions for carriage – Packages (RID) Special provisions for carriage - Loading, unloading and handling (RID) Colis express (express parcels) (RID) Hazard identification number (RID)	: I1 : 318 : 0 : E0 : P620 : MP5 : 0 : W9 : CW13, CW18, CW26, CW28 : CE14 : 606

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

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SECTION 15: Regulatory information				
15.1. Safety, health and environmental regulation	tions/legislation specific for the substance or mixture			
15.1.1. EU-Regulations				
Contains no substances with Annex XVII restriction	ons			
Contains no REACH candidate substance				
Contains no REACH Annex XIV substances.				
15.1.2. National regulations				
Germany				
AwSV/VwVwS Annex reference	: Water hazard class (WGK) 3, strongly hazardous to water (Classification according to AwSV Annex 1)			
12th Ordinance Implementing the Federal mmission Control Act - 12.BImSchV	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)			
Netherlands				
SZW-lijst van kankerverwekkende stoffen	: Gelatin is listed			
SZW-lijst van mutagene stoffen	: Gelatin is listed			
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed			
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed			
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: None of the components are listed			
15.2. Chemical safety assessment				
No additional information available				

No additional information available

Revisions to this SDS document can be presented upon request.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product