# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

Designation / Trade name: Human SMN kit - control lysate 63ADK033TDA Version: US, Page 1 of 15, Revision date: 29/11/2023

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

## 1.1 Product identifier:

Designation / Trade name: Human SMN kit - control lysate63ADK033TDACAS No.:Index No:EC No:REACH No:

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

Relevant identified uses: Use of the substance or mixture for Laboratory Research use only ; Uses advised against: Do not use for diagnostics, therapeutics or other clinical uses. ;

### **1.3** Details of the supplier of the safety data sheet:

Supplier: Name: CISBIO BIOASSAYS, company of Revvity Group - CBBIOA -Address: Parc Marcel Boiteux - BP 84175 - 30200 Codolet, France Phone : +33 4 66 79 67 05 - Fax : +33 4 66 79 67 50 E-Mail (competent person): codolet.sds@revvity.com

# 1.4 EMERGENCY TELEPHONE NUMBER:

France - Numéro ORFILA (INRS) : + 33 (0)1 45 42 59 59 Ce numéro permet d'obtenir les coordonnées de tous les centres Anti-poison Français. Ces centres anti-poison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7.

USA & Canada - Phone: 1-888-963-456 (1) Other countries - Phone: +33 (0) 466 796 737 (2) https://www.cisbio.com https://www.revvity.com (1) Available from Monday to Thursday 8:30 am to 5:30pm GMT-5 and Friday: 8:30 am to 3:00pm GMT-5 (2) Available from Monday to Friday 9:00 am to 5:30 pm GMT+2

# SECTION 2 : HAZARDS IDENTIFICATION

## 2.1 Classification of the substance or mixture:

Classification in accordance with 29 CFR 1910 (OSHA HCS)	Category code	Hazard statement	Precautionary statement
Hazardous to the aquatic environment - Aquatic Chronic 3 - H412	Aquatic Chronic 3	H412	P273 P501
Serious eye damage/eye irritation - Eye Irrit. 2 - H319	Eye Irrit. 2	H319	P264 P280 P305 + P351 + P338 P337 + P313

### 2.2 Label elements

Labelling according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

### Product identifier:

Designation / Trade name: Human SMN kit - control lysate 63ADK033TDA



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Substances contained in this product:

Hazard pictograms GHS07-exclam



Signal word: Warning

### Hazard and precautionary statements:

Code	Hazard statments
H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to

### 2.3 Other hazards

The mixture contains substances classified as 'Substances of Very High Concern' (SVHC) published by the European CHemicals Agency (ECHA) under article 57 of REACH at levels of 0.1% or higher. This substance or mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher ;

Adverse human health effects:

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# SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Hazardous ingredients:

Substance name	CAS n°	Index n°	EC n°	Classification in accordance with 29 CFR 1910 (OSHA HCS)	Concentration (%)	SCL	M-factor
Poly(oxy-1,2-ethanediyl), α-[4-(1,1,3,3- tetramethylbutyl)phenyl]- ω-hydroxy-	9002-93-1			Acute toxicity - Acute Tox. 4 - H302 - Oral Hazardous to the aquatic environment - Aquatic Acute 1 - H400 Hazardous to the aquatic environment - Aquatic Chronic 1 - H410 Serious eye damage/eye irritation - Eye Dam. 1 - H318 Skin corrosion/irritation - Skin Irrit. 2 - H315	< 3%		
Poly (oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)- omega-hydroxy-, branched	127087-87-0		500-315-8	Acute toxicity - Acute Tox. 4 - H302 - Oral Acute toxicity - Acute Tox. 4 - H332 - Inhalation Hazardous to the aquatic environment - Aquatic Chronic 2 - H411 Serious eye damage/eye irritation - Eye Dam. 1 - H318	< 1%		1
sodium chloride	7647-14-5		231-598-3		< 1%		
ethanol	64-17-5	603-002-00-5	200-578-6	Flammable liquid - Flam. Liq. 2 - H225	< 1%		
Ethylenediamine- N,N,N1,N1-tetraacetic acid	6381-92-6			Acute toxicity - Acute Tox. 4 - H332 - Inhalation Specific target organ toxicity - repeated exposure - STOT RE 2 - H373	< 1%		
trisodium tetraoxovanadate	13721-39-6		237-287-9	Acute toxicity - Acute Tox. 4 - H302 - Oral Acute toxicity - Acute Tox. 4 - H312 - Dermal Acute toxicity - Acute Tox. 4 - H332 - Inhalation Serious eye damage/eye irritation - Eye Irrit. 2 - H319 Skin corrosion/irritation - Skin Irrit. 2 - H315	< 1%		

Additional information:

Full text of H- and EUH-phrases: see SECTION 16.

# SECTION 4 : FIRST AID MEASURES

### 4.1 Description of first aid measures

General information: Do not leave affected person unattended. ;

Following inhalation: In case of respiratory tract irritation, consult a physician.;

Following skin contact: After contact with skin, wash immediately with water ;

**Following eye contact**: After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. ;

Following ingestion: Do NOT induce vomiting.;

## according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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### Self-protection of the first aider:

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

Symptoms: No known symptoms to date. ; Effects:

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

Notes for the doctor:

# SECTION 5 : FIREFIGHTING MEASURES

### 5.1 Extinguishing media:

Suitable extinguishing media: This product is not flammable. Use extinguishing agent suitable for type of surrounding fire ;

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: /

### 5.3 Advice for fire-fighters

Wear Protective clothing. ; Additional information:

### SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Emergency procedures: Provide adequate ventilation.;

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.;

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

For cleaning up: Suitable material for taking up: Absorbing material, organic ; Other information:

### 6.4 Reference to other sections

Additional information:

# SECTION 7 : HANDLING AND STORAGE

### 7.1 Precautions for safe handling

<u>Protective measures:</u> Advice on safe handling: Avoid contact with skin, eyes and clothes. ; Fire preventions:

Do not eat, drink or smoke in areas where reagents are handled. ;

# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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Advice on general occupational hygiene : Handle in accordance with good industrial hygiene and safety practice ;

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

<u>Requirements for storage rooms and vessels</u>: Keep container tightly closed. ; <u>Hints on storage assembly:</u> Materials to avoid: <u>Further information on storage conditions:</u>

## 7.3 Specific end uses:

Recommendations on specific end uses: Observe technical data sheet. ;

# SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Preliminary remark:

### 8.1.1 Occupational exposure limits:

• OSHA (USA)

Source :	Occupational Saf	ety and Health Admin	istration (OSHA) Permiss	sible Exposure Limits (PEL	S) from 29 CFR 1910.100	00
Substance	EC-No.	CAS-No	OSHA Permissible Exposure Limit (PEL) 8-hour TWA (ppm)	OSHA Permissible Exposure Limit (PEL) 8- hour TWA (mg/m3)	OSHA Permissible Exposure Limit (PEL) STEL (ppm)	OSHA Permissible Exposure Limit (PEL) STEL (mg/m3)
13472-36-1		13472-36-1				
13721-39-6 / 237- 287-9	237-287-9	13721-39-6				0,05
6381-92-6		6381-92-6				
64-17-5 / 200-578-6	200-578-6	64-17-5	1000	1900		
68412-54-4 / 500- 209-1	500-209-1	68412-54-4				
7647-14-5 / 231-598- 3	231-598-3	7647-14-5				

Source :	TRGS 903, Novem	ber 2015, BAuA		
Substance	EC-No.	CAS-No	BGW (mg/m3)	BGW (ppm)
13472-36-1		13472-36-1		
13721-39-6 / 237- 287-9	237-287-9	13721-39-6		
6381-92-6		6381-92-6		
64-17-5 / 200-578-6	200-578-6	64-17-5		
68412-54-4 / 500- 209-1	500-209-1	68412-54-4		
7647-14-5 / 231-598- 3	231-598-3	7647-14-5		

# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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# 8.1.2 DNEL/PNEC-values:

• DNEL worker

Source :	GESTIS – su	bstance data	abase						
Substance	EC-No.	CAS-No	Acute – dermal, local effects (mg/kg/day)	Long-term – dermal, local effects (mg/kg/day)	Long-term – dermal, systemic effects (mg/kg/day)	Acute – inhalation, local effects (mg/m3)	systemic ettects	Long-term – inhalation, local effects (mg/m3)	systemic ettects
13472-36-1		13472-36-1					2.79-2.79		
13721-39-6 / 237-287-9	237-287-9	13721-39-6							
6381-92-6		6381-92-6				1.5-1.5			
64-17-5 / 200-578-6	200-578-6	64-17-5					950-950		
68412-54-4 / 500-209-1	500-209-1	68412-54-4					4.7-4.7		
7647-14-5 / 231-598-3	231-598-3	7647-14-5					2068.62- 2068.62		

### • DNEL consumer

Source :	GESTIS – s	ubstance dat	tabase				
Substance	EC-No.	CAS-No	Acute – dermal, local effects (mg/kg/day)	Long-term – dermal, local effects (mg/kg/day)	Acute – inhalation, local effects (mg/m3)	Long-term – inhalation, local effects (mg/m3)	systemic etterts
13472-36-1		13472-36-1					
13721-39-6 / 237-287-9	237-287-9	13721-39-6					
6381-92-6		6381-92-6					
64-17-5 / 200-578-6	200-578-6	64-17-5					
68412-54-4 / 500-209-1	500-209-1	68412-54-4					
7647-14-5 / 231-598-3	231-598-3	7647-14-5					

# • PNEC

Source :	INERIS																
			TIC				PNEC Sediment										
Substance	EC-No.	CAS-No		freshwater		m	arine wat	er	intermittent release			freshwater			marine water		
Substance	201101		(mg/L)	(mg/kg)	(ppm)	(mg/L)	(mg/kg)	(ppm)	(mg/L)	(mg/kg)	(ppm)	(mg/L)	(mg/kg)	(ppm)	(mg/L)	(mg/kg)	(ppm)
13472-36-1		13472-36-1															
13721-39-6 / 237-287- 9	237-287-9	13721-39-6															



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-										
6381-92-6		6381-92-6								
64-17-5 / 200-578-6	200-578-6	64-17-5								
68412-54-4 / 500-209- 1		68412-54-4								
7647-14-5 / 231-598- 3	231-598-3	7647-14-5								

Source :	INERIS													
								Oth	ers					
Substance	EC-No.	CAS-No	PNEC soil			PNEC s	sewage tre plant	atment	PNEC air			PNEC secondary poisoning		
				(mg/kg)	(ppm)	(mg/L)	(mg/kg)	(ppm)	(mg/L)	(mg/kg)	(ppm)	(mg/L)	(mg/kg)	(ppm)
13472-36-1		13472-36-1												
13721-39-6 / 237-287-9	237-287-9	13721-39-6												
6381-92-6		6381-92-6												
64-17-5 / 200-578-6	200-578-6	64-17-5												
68412-54-4 / 500-209-1	500-209-1	68412-54-4												
7647-14-5 / 231-598-3	231-598-3	7647-14-5												

#### 8.2 **Exposure controls**

8.2.1 Appropriate engineering controls:

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. See section 7

8.2.2 Personal protective equipment:

Eye / Face protection: Safety glasses with side-shields ;

Skin protection: Gloves ;

Respiratory protection:Ensure adequate ventilation ;

Thermal hazards:

8.2.3 Environmental exposure controls:

Consumer exposure control

Measures related to consumer uses of the substance (as such or in mixtures): Measures related to the service life of the substance in articles:

#### **SECTION 9**: **PHYSICAL AND CHEMICAL PROPERTIES**

#### 9.1 Information on basic physical and chemical properties

Ap	pear	rance

Appearance	
Physical state	Liquid ;
Colour	Colorless ;



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Odour							v
	hreshold (ppm)						
00001							
		Value	Concentration (mol/L)	Method	Temperature (°C)	Pressure (kPa)	Remark
pН							
Melting point (°C)							
Freezing point (°C)							
Initial boiling point/boil	ing range (°C)						
Flash point (°C)							
Evaporation rate (kg/m	²/h)						
Flammability (type : ) (9							
Upper/lower flammability or explosiv	Upper explosive limit (%)						
limits	Lower explosive limit (%)						
Vapour pressure (kPa)	· · · · · ·						
Vapour density (g/cm <sup>3</sup> )							
	Density (g/cm³)						
Densities	Relative density (g/cm <sup>3</sup> )						
	Bulk density (g/cm <sup>3</sup> )						
	Critical density (g/cm <sup>3</sup> )						
Solubility (Type:)(g/L	)						
Partition coefficient (log n-octanol/water at pH :							
Auto-ignition temperate	ure (°C)						
Decomposition tempera Decomposition energy :							
Viscosity	Viscosity, dynamic (poiseuille)						
	Viscosity, cinematic (cm <sup>3</sup> /s)						
E	xplosive properties						
C	Dxidising properties						

#### 9.2 Other information:

No other relevant data available

# SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

This material is considered to be non-reactive under normal use conditions. ;

### 10.2 Chemical stability

- 10.3 Possibility of hazardous reactions
- 10.4 Conditions to avoid:
- 10.5 Incompatible materials:

### 10.6 Hazardous decomposition products:

Does not decompose when used for intended uses. ;

# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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SECTION 11: TOXICOLOGICAL INFORMATION

Toxicokinetics, metabolism and distribution

## 11.1 Information on toxicological effects

**Substances** 

• Acute toxicity

Animal data: Acute oral toxicity:

Substance name	LD50 (mg/kg)	Species	Method	Symptoms / delayed effects	Remark
127087-87-0 / 500-315-8					Data lacking.
9002-93-1	1800-1800	Rat			

Acute dermal toxicity:

Acute inhalative toxicity:

Substance name	C(E)L50 (mg/L)	Exposure time	Species	Method	Remark
127087-87-0 / 500-315-8					

Practical experience / human evidence: Assessment / Classification: General Remark:

### • Skin corrosion/irritation

Animal data:

Substance name	Species	Method	Exposure time	<b>Result/evaluation</b>	Score	Remark
9002-93-1						

In-vitro skin test method: In-vitro skin test result:

Assessment / Classification:

### • Eye damage/irritation

Animal data:

Substance name	Species	Method	Exposure time	<b>Result/evaluation</b>	Score	Remark
127087-87-0 / 500-						

# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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					v	
1	315-8					
9	9002-93-1	Rabbit		Eye irritation		

In vitro eye test method: In vitro eye test result: Assessment / Classification:

• CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

• Germ cell mutagenicity:

Animal data:

Assessment / Classification:

o Carcinogenicity

Practical experience / human evidence: Animal data:

Other information: Assessment / Classification:

• Reproductive toxicity

Practical experience / human evidence: Animal data:

Other information: Assessment / Classification:

Overall assessment on CMR properties:

### • Specific target organ toxicity (single exposure)

 $\circ~$  STOT SE 1 and 2

Animal data:

Other information:

o STOT SE 3

Practical experience / human evidence:

Other information: Assessment / Classification:

### • Specific target organ toxicity (repeated exposure)

Practical experience / human evidence: Animal data:

Assessment / Classification:

# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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Other information

### • Aspiration hazard

Practical experience / human evidence: Experimental data: viscosity data: see SECTION 9. Assessment / Classification: Remark:

### 11.1.1 Mixtures

No toxicological information is available for the mixture itself

# SECTION 12 : ECOLOGICAL INFORMATION

In case that test data regarding one endpoint/differentiation exist for the mixture itself, the classification is carried out according to the substance criteria (excluding biodegradation and bioaccumulation). If no test data exist, the criteria for mixture classification has to be used (calculation method) in this case the toxicological data of the ingredients are shown.

### 12.1 Aquatic toxicity:

### Acute (short-term) fish toxicity

Source :	Informatio	ns relatives	à la régleme	entation VN	IE (France) : E	ED 984, 07.201	2			
Substance	EC-No.	CAS-No	LC50 (mg/L)	EC50 (mg/L)	Test duration	Species	Result/ Evaluation	Method	Remark	General Remark
127087-87-0 / 500-315-8	500-315-8	127087- 87-0								
9002-93-1		9002-93-1	8,9		96	Pimephales promelas (fathead minnow)				

# Chronic (long-term) fish toxicity

Source :	Informations r	formations relatives à la réglementation VME (France) : ED 984, 07.2012											
Substance	EC-No.	CAS-No	NOEC (mg/L)	Test duration	Species	Method	Remark	General Remark					
127087-87-0 / 500-315-8	500-315-8	127087-87-0											
9002-93-1		9002-93-1											

### Acute (short-term) toxicity to crustacea

Source :	Information	s relatives à la	a réglementa	ation VME (Fran	ce) : ED 984, 0	7.2012			
Substance	EC-No.	CAS-No	EC50 (mg/L)	Test duration	Species	Result/ Evaluation	Method	Remark	General Remark
127087-87-0 / 500-315-8	500-315-8	127087-87- 0							
9002-93-1		9002-93-1	26	48					

### Chronic (long-term) toxicity to crustacea

Source : Informations relatives à la réglementation VME (France) : ED 984, 07.2012
--



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_								$\sim$
Substance	EC-No.	CAS-No	NOEC (mg/L)	Test duration	Species	Method	Remark	General Remark
127087-87-0 / 500-315-8	500-315-8	127087-87-0						
9002-93-1		9002-93-1						

Acute (short-term) toxicity to algae and cyanobacteria

Source :	Information	nformations relatives à la réglementation VME (France) : ED 984, 07.2012											
Substance	EC-No.	CAS-No	EC50 (mg/L)	Test duration	Species	Result/ Evaluation	Method	Remark	General Remark				
127087-87-0 / 500-315-8	500-315-8	127087-87- 0											
9002-93-1		9002-93-1											

# Toxicity to microorganisms and other aquatic plants / organisms

Source :	Informations rela	nformations relatives à la réglementation VME (France) : ED 984, 07.2012							
Substance	EC-No.	CAS-No	EC50 (mg/L)	Species	Method	Remark	General Remark		
127087-87-0 / 500-315-8	500-315-8	127087-87-0							
9002-93-1		9002-93-1							

Assessment / Classification:

### 12.2 Persistence and degradability

**Biodegradation:** 

Source :	Informations r	nformations relatives à la réglementation VME (France) : ED 984, 07.2012								
Substance	EC-No.	CAS-No	Inoculum	Biodegradation parameter	Degradation rate (%)	Method	Remark			
127087-87-0 / 500-315-8	500-315-8	127087-87-0								
9002-93-1		9002-93-1		BOD (% of COD).	36-36		In accordance with the required stability the product is poorly biodegradable.			

### Abiotic Degradation:

Source :								
Substance	EC-No.	CAS-No	Abiotic degradation test type	Half-life time (j)	Temperature (°C)	рН	Method	Remark
127087-87-0 / 500-315-8	500-315-8	127087-87- 0						
9002-93-1		9002-93-1						

Assessment / Classification:

# 12.3 Bioaccumulative potential

Bioconcentration factor (BCF):

# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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						$\sim$
Source :						
Substance	EC-No.	CAS-No	Species	Result	Method	Remark
127087-87-0 / 500- 315-8	500-315-8	127087-87-0				
9002-93-1		9002-93-1				

### 12.4 Mobility in soil

Source :											
Substance	EC n°	CAS n°	Distribution	Transport	Henry's law constant (Pa.m3/mol)	Log KOC	Half-life time in soil (j)	Half-life time in fresh water (j)	Half-life time in sea water (j)	Method	Remark
127087-87-0											
/ 500-315-8	8	87-0									
9002-93-1		9002- 93-1									

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other adverse effects:

Additional ecotoxicological information:

# SECTION 13 : DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Waste treatment options: Dispose of waste according to applicable legislation. ;

Other disposal recommendations: Additional information:

# SECTION 14 : TRANSPORT INFORMATION

### ADR/RID/AND/IMDG/IATA

UN No.	
UN Proper shipping name	
Transport hazard class(es)	
Hazard label(s)	
Packing group	

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Land transport (ADR/RID) Classification code ADR: Limited quantities for ADR/RID: Packing Instructions for ADR/RID: Special packing provisions for ADR/RID:

Special Provisions for ADR/RID: Excepted Quantities for ADR/RID:

# according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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Mixed packing provisions: Portable tanks and bulk containers Special Provisio ADR Tank Code: Vehicle for tank carriage: Special provisions for carriage Bulk: Special provisions for carriage for loading, unloadin	ADR Tank special provisions: Special provisions for carriage Packages:
Special Provisions for carriage Operation: Hazard identification No:	Transport category (Tunnel restriction code):
Sea transport (IMDG) Marine Pollutant: Packing provisions for IMDG: Packing instructions for IMDG: IBC Provisions: UN tank instructions: EmS : Properties and observations:	Subsidiary risk(s) for IMDG: Limited quantities for IMDG: IBC Instructions: IMO tank instructions: Tanks and bulk Provisions: Stowage and segregation for IMDG:
Inland waterway transport (ADN) Classification Code ADN: Limited quantities ADN: Carriage permitted: Provisions concerning loading and unloading: Provisions concerning carriage: Remark:	Special Provisions ADN: Excepted quantities ADN: Equipment required: Number of blue cones/lights:
Air transport (ICAO-TI / IATA-DGR) Subsidiary risk for IATA: Passenger and Cargo Aircraft Limited Quantities Pa Passenger and Cargo Aircraft Limited Quantities Ma Passenger and Cargo Aircraft Packaging Instruction Passenger and Cargo Aircraft Maximal Net Quantity Cargo Aircraft only Packaging Instructions : Cargo Aircraft only Maximal Net Quantity : ERG code:	aximal Net Quantity : s :

# SECTION 15 : REGULATORY INFORMATION

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

# 15.2 Chemical Safety Assessment:

For the following substances of this mixture a chemical safety assessment has been carried out :

# SECTION 16 : OTHER INFORMATION

# 16.1 Indication of changes

Date of the previous version: Modifications:

## according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))

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### 16.2 Abbreviations and acronyms:

### 16.3 Key literature references and sources for data

# 16.4 Classification for mixtures and used evaluation method according to Hazard Communication Standard (HCS) (29 CFR 1910.1200(g):

See SECTION 2.1 (classification).

#### 16.5 Relevant R-, H- and EUH-phrases (number and full text):

Code	Hazard statments
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H318	Causes serious eye damage.
H319	Causes serious eye irritation
H332	Harmful if inhaled
Н373	May cause damage to organs ( state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
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

