



Page 1 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

# Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

#### 1.1 Product identifier

Winter Foam -20°C 750 ml

Art.: 9095270

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

PU-foam

## Uses advised against:

No information available at present.

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

BTI Befestigungstechnik GmbH & Co. KG

Salzstr. 51

74653 Ingelfingen Tel.: +49 7940 141 141 Fax: +49 7940 141 9141 Email: info@bti.de Homepage: www.bti.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

## 1.4 Emergency telephone number

Emergency information services / official advisory body:

---

# Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (BRC)

# **SECTION 2: Hazards identification**

# 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) 1272/2008 (CLP)

Hazard class	Hazard category	Hazard statement
Acute Tox.	4	H332-Harmful if inhaled.
Eye Irrit.	2	H319-Causes serious eye irritation.
STOT SE	3	H335-May cause respiratory irritation.
Skin Irrit.	2	H315-Causes skin irritation.
Resp. Sens.	1	H334-May cause allergy or asthma symptoms or breathing
		difficulties if inhaled.
Skin Sens.	1	H317-May cause an allergic skin reaction.





Page 2 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

Carc. 2 H351-Suspected of causing cancer. Aerosol 1 H222-Extremely flammable aerosol.

Aerosol 1 H229-Pressurised container: May burst if heated.

STOT RE 2 H373-May cause damage to organs through prolonged or

repeated exposure by inhalation (respiratory system).

#### 2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)



Danger

H332-Harmful if inhaled. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-May cause an allergic skin reaction. H351-Suspected of causing cancer. H222-Extremely flammable aerosol. H229-Pressurised container: May burst if heated. H373-May cause damage to organs through prolonged or repeated exposure by inhalation (respiratory system).

P201-Obtain special instructions before use. P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211-Do not spray on an open flame or other ignition source. P251-Do not pierce or burn, even after use. P260-Do not breathe vapours or spray. P280-Wear protective gloves / protective clothing / eye protection / face protection. P284-Wear respiratory protection.

P304+P340-IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313-IF exposed or concerned: Get medical advice / attention.

P410+P412-Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

EUH204-Contains isocyanates. May produce an allergic reaction.

Without adequate ventilation, formation of explosive mixtures may be possible.

Contains fluorinated greenhouse gases.

As from 24 August 2023 adequate training is required before industrial or professional use.

Diphenylmethanediisocyanate, isomeres and homologues

## 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 < 0.1 %).

Dangerous vapours heavier than air.

In case of spreading near the ground, flashback to distance sources of ignition is possible.





Page 3 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

PU-foam

#### 3.1 Substances

n.a.

## 3.2 Mixtures

Diphenylmethanediisocyanate, isomeres and homologues	
Registration number (REACH)	
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	618-498-9
CAS	9016-87-9
content %	30-<50
Classification according to Regulation (EC) 1272/2008	Skin Irrit. 2, H315
(CLP), M-factors	Skin Sens. 1, H317
	Eye Irrit. 2, H319
	Acute Tox. 4, H332
	Resp. Sens. 1, H334
	STOT SE 3, H335
	Carc. 2, H351
	STOT RE 2, H373 (respiratory system) (as
	inhalation)

Reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methylethyl) phosphate and Phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl ester and Phosphoric acid, 2-chloro-1-methylethyl bis(2-chloropropyl) ester	
Registration number (REACH)	01-2119486772-26-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	911-815-4
CAS	(13674-84-5)
content %	20-<30
Classification according to Regulation (EC) 1272/2008	Acute Tox. 4, H302
(CLP), M-factors	

Dimethyl ether	Substance for which an EU exposure limit
	value applies.
Registration number (REACH)	01-2119472128-37-XXXX
Index	603-019-00-8
EINECS, ELINCS, NLP, REACH-IT List-No.	204-065-8
CAS	115-10-6
content %	1-<10
Classification according to Regulation (EC) 1272/2008	Flam. Gas 1A, H220
(CLP), M-factors	

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.





Page 4 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

# **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

## Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting - give copious water to drink. Consult doctor immediately.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

Irritation of the skin.

Watering eyes

Irritation of the eyes

Irritation of the respiratory tract

Coughing

Oedema of the lungs

breathing difficulties

Respiratory distress

In case of sensitivity, concentrations below the limit value may already result in asthmatic symptoms.

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

Symptomatic treatment.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

#### Suitable extinguishing media

Water jet spray/foam/CO2/dry extinguisher

## Unsuitable extinguishing media

High volume water jet

## 5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Oxides of phosphorus

Oxides of nitrogen

Hydrofluoric acid

Hydrogen chloride

Hydrogen cyanide

Toxic gases





Page 5 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

Danger of bursting (explosion) when heated

Explosive vapour/air or gas/air mixtures.

## 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary.

Cool container at risk with water.

Dispose of contaminated extinction water according to official regulations.

#### **SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

#### **6.2** Environmental precautions

If leakage occurs, dam up.

Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

## 6.3 Methods and material for containment and cleaning up

If spray or gas escapes, ensure ample fresh air is available.

Active substance:

Allow product to harden.

Pick up mechanically and dispose of according to Section 13.

Recommended cleaner:

Acetone

## **6.4 Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

## **SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

## 7.1 Precautions for safe handling

#### 7.1.1 General recommendations

Ensure good ventilation.

Avoid inhalation of the vapours.

Keep away from sources of ignition - Do not smoke.

Take precautions against electrostatic charges.

Do not use on hot surfaces.

Avoid contact with eyes or skin.

No contact with products of this type in case of allergies, asthma und chronic respiratory tract disorders.

Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

## 7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.



Content %:

---

Other information:



Page 6 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

# 7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.

Not to be stored in gangways or stair wells.

Observe special regulations for aerosols!

Observe special storage conditions.

Do not store with flammable or self-igniting materials.

Keep protected from direct sunlight and temperatures over 50°C.

Isobutane

Store in a well ventilated place.

Store cool.

Store in a dry place.

## 7.3 Specific end use(s)

No information available at present.

# **SECTION 8: Exposure controls/personal protection**

# 8.1 Control parameters

**©** Chemical Name

BMGV:

Monitoring procedures:

WEL-TWA: 1000 ppm (EX) (ACGIH)

Chemical Name	Dimbonvilmo	thanediisocyanate, isomeres and homologues			Content			
Chemicai Name	Diphenyime	manedisocyanate, isomeres		%:30-<50				
WEL-TWA: 0,02 mg/m3 (	Isocyanates,	WEL-STEL: 0,07 mg/1	m3 (Isocyanates,					
all (as -NCO))		all (as -NCO))						
Monitoring procedures:		ISO 16702 (Workplace air quality – determination of total						
		isocyanate groups in air usi	ng 2-(1-methoxyph	enylpip	erazine and			
	-	liquid chromatography) - 2	007					
		MDHS 25/4 (Organic isocy	vanates in air – Labo	oratory	method using			
		sampling either onto 2-(1-n	nethoxyphenylpiper	azine co	oated glass			
		fibre filters followed by sol	vent desorption or i	nto imp	ingers and			
	-	analysis using high perforn	tograph	y) - 2015				
BMGV: 1 µmol isocyanate	e-derived diam	ine/mol creatinine in urine	: Sen	(Isocyanates,				
(At the end of the period of e	exposure)		all (as -NCO))					
(B)					Content %:1-			
Chemical Name	Dimethyl etl	her			<10			
WEL-TWA: 400 ppm (766	5 mg/m3)	WEL-STEL: 500 ppm	(958 mg/m3)					
(WEL), 1000 ppm (1920 mg		(WEL)						
Monitoring procedures:	-	Compur - KITA-123 S (54)	9 129)					
BMGV:		-	Other information	:				
® Chemical Name	Propane				Content %:			
WEL-TWA: 1000 ppm (A	CGIH)	WEL-STEL:						
Monitoring procedures:	-	Compur - KITA-125 SA (5						
	-	OSHA PV2077 (Propane)	- 1990					
BMGV:			Other information	:				

WEL-STEL: ---

Compur - KITA-113 SB(C) (549 368)





Page 7 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

methylethyl bis(2-chl Area of application	Exposure route /	Effect on health	Descript	Value	Unit	Note
	Environmental		or		0	
	compartment					
	Environment - oral (animal feed)		PNEC	11,6	mg/kg feed	
	Environment - freshwater		PNEC	0,32	mg/l	
	Environment - soil		PNEC	0,34	mg/kg dw	
	Environment - sediment		PNEC	11,5	mg/kg dw	
	Environment - sewage treatment plant		PNEC	19,1	mg/l	
	Environment - marine		PNEC	0,032	mg/l	
	Environment - sediment, marine		PNEC	1,15	mg/kg dw	
	Environment - water, sporadic (intermittent) release		PNEC	0,51	mg/l	
Industrial	Human - dermal	Long term, systemic effects	DNEL	2,08	mg/kg bw/day	
Industrial	Human - inhalation	Short term, systemic effects	DNEL	22,4	mg/m3	
Industrial	Human - inhalation	Long term, systemic effects	DNEL	5,28	mg/m3	
Industrial	Human - dermal	Short term, systemic effects	DNEL	8	mg/kg bw/day	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	1,46	mg/m3	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	11,2	mg/m3	
Consumer	Human - dermal	Long term, systemic effects	DNEL	1,04	mg/kg bw/d	
Consumer	Human - dermal	Short term, systemic effects	DNEL	4	mg/kg bw/d	
Consumer	Human - oral	Long term, systemic effects	DNEL	0,52	mg/kg bw/d	

Dimethyl ether									
Area of application	Exposure route /	Effect on health	Descript	Value	Unit	Note			
	Environmental		or						
	compartment								
	Environment -		PNEC	0,155	mg/l				
	freshwater								
	Environment -		PNEC	0,681	mg/kg				
	sediment, freshwater								





Page 8 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

	Environment - soil		PNEC	0,045	mg/kg	
	Environment -		PNEC	160	mg/l	
	sewage treatment					
	plant					
	Environment - marine		PNEC	0,016	mg/l	
	Environment - water,		PNEC	1,549	mg/l	
	sporadic					
	(intermittent) release					
	Environment -		PNEC	0,069	mg/kg	
	sediment, marine					
Consumer	Human - inhalation	Long term,	DNEL	471	mg/m3	
		systemic effects				
Workers / employees	Human - inhalation	Long term,	DNEL	1894	mg/m3	
		systemic effects				

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). (8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

## 8.2 Exposure controls

## 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

## 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.





Page 9 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

#### Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN 374).

If applicable

Protective gloves made of butyl (EN 374).

Protective Neoprene® / polychloroprene gloves (EN 374).

Protective nitrile gloves (EN 374).

Protective PVC gloves (EN 374).

Minimum layer thickness in mm:

>=0.5

Permeation time (penetration time) in minutes:

>=480

Protective hand cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

If OES or MEL is exceeded.

Gas mask filter A (EN 14387), code colour brown

Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

# 8.2.3 Environmental exposure controls

No information available at present.

#### **SECTION 9: Physical and chemical properties**

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

Physical state: Aerosol. Active substance: liquid.





Page 10 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

Colour: According to specification

Odour: Characteristic Odour threshold: Not determined pH-value: Not determined Melting point/freezing point: Not determined Initial boiling point and boiling range: Not determined Flash point: Not determined Evaporation rate: Not determined Flammability (solid, gas): Not determined Lower explosive limit: Not determined Upper explosive limit: Not determined Vapour pressure: Not determined

Vapour density (air = 1): >2

Density: 1,088 g/cm3 (21°C)

Bulk density: n.a.

Solubility(ies):

Water solubility:

Partition coefficient (n-octanol/water):

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Not determined

Not determined

Not determined

Not determined

Explosive properties: Product is not explosive.

Oxidising properties:

9.2 Other information

Miscibility: Not determined
Fat solubility / solvent: Not determined
Conductivity: Not determined
Surface tension: Not determined
Solvents content: Not determined

## **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

Possible build up of explosive/highly flammable vapour/air mixture.

## 10.2 Chemical stability

Stable with proper storage and handling.

# 10.3 Possibility of hazardous reactions

No dangerous reactions are known.

# 10.4 Conditions to avoid

Heating, open flame, ignition sources

Pressure increase will result in danger of bursting.

Electrostatic charge

## 10.5 Incompatible materials

Avoid contact with strong alkalis.

Avoid contact with strong oxidizing agents.

Avoid contact with strong acids.

#### 10.6 Hazardous decomposition products

No decomposition when used as directed.





Page 11 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

# **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

Winter Foam -20°C 750	ml	,	`	,		
Art.: 9095270						
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by oral	ATE	>2000	mg/kg			calculated
route:						value
Acute toxicity, by						n.d.a.
dermal route:						
Acute toxicity, by	ATE	>20	mg/l/4h			calculated
inhalation:						value,
						Vapours
Acute toxicity, by	ATE	3,74	mg/l/4h			calculated
inhalation:						value,
						Aerosol
Skin corrosion/irritation:						n.d.a.
Serious eye						n.d.a.
damage/irritation:						
Respiratory or skin						n.d.a.
sensitisation:						
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ						n.d.a.
toxicity - single						
exposure (STOT-SE):						
Specific target organ						n.d.a.
toxicity - repeated						
exposure (STOT-RE):						
Aspiration hazard:						n.d.a.
Symptoms:						n.d.a.

Reaction mass of tris(2-			,						
Phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl ester and Phosphoric acid, 2-chloro-1-methylethyl bis(2-chloropropyl) ester									
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes			
•	nt								
Acute toxicity, by oral route:	LD50	632	mg/kg	Rat					
Acute toxicity, by oral	LD50	>500-	mg/kg	Rat	Regulation (EC)				
route:		<2000			440/2008 B.1				
					(ACUTE ORAL				
					TOXICITY)				
Acute toxicity, by	LD50	>2000	mg/kg	Rabbit	OECD 402 (Acute				
dermal route:					Dermal Toxicity)				
Acute toxicity, by	LC50	>7	mg/l/4h	Rat	OECD 403 (Acute	Dust, Mist			
inhalation:					Inhalation				
					Toxicity)				





Page 12 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio n)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Not irritant
Respiratory or skin sensitisation:				Guinea pig	OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	Not sensitizising
Germ cell mutagenicity:					(Ames-Test)	Negative
Germ cell mutagenicity:				Mouse	in vivo	Negative
Carcinogenicity:	LOAEL	52	mg/kg bw/d			
Carcinogenicity:						No indications of such an effect.
Reproductive toxicity:	LOAEL	99	mg/kg/			
Reproductive toxicity (Developmental toxicity):	NOEL	571	mg/kg bw/d	Rat		
Specific target organ toxicity - single exposure (STOT-SE):						No
Specific target organ toxicity - repeated exposure (STOT-RE):	NOEL	>20	ppm	Rat		13w
Aspiration hazard:						Not to be expected

Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes
	nt					
Acute toxicity, by	LC50	164	mg/l/4h	Rat		
inhalation:						
Skin corrosion/irritation:						Not irritant
Serious eye						Not irritant
damage/irritation:						
Respiratory or skin						No (skin
sensitisation:						contact)
Germ cell mutagenicity:					OECD 471	Negative
					(Bacterial Reverse	
					Mutation Test)	
Germ cell mutagenicity:					OECD 473 (In	Negative
					Vitro Mammalian	
					Chromosome	
					Aberration Test)	





Page 13 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Germ cell mutagenicity:					OECD 477 (Genetic Toxicology - Sex- Linked Recessive Lethal Test in Drosophilia melanogaster)	Negative
Carcinogenicity:	NOAEC	47000	mg/m3	Rat	OECD 453 (Combined Chronic Toxicity/Carcinoge nicity Studies)	Negative
Reproductive toxicity:	NOAEL	5000	ppm	Rat	OECD 414 (Prenatal Developmental Toxicity Study)	
Specific target organ toxicity - repeated exposure (STOT-RE):	NOAEC	47106	mg/kg	Rat	OECD 452 (Chronic Toxicity Studies)	Negative(2 a)
Aspiration hazard:						No
Symptoms:						unconsciousn ess, headaches, mucous membrane irritation, dizziness, nausea and vomiting., frostbite, gastrointestin al disturbances, respiratory distress, circulatory collapse

Propane						
Toxicity / effect	Endpoi nt	Value	Unit	Organism	Test method	Notes
Acute toxicity, by inhalation:	LC50	658	mg/l/4h	Rat		
Acute toxicity, by inhalation:	LC50	260000	ppmV/ 4h	Rat		Gasses, Male, Analogous conclusion
Skin corrosion/irritation:						Not irritant
Serious eye damage/irritation:						Not irritant





Page 14 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Germ cell mutagenicity:					OECD 473 (In	Negative
					Vitro Mammalian	
					Chromosome	
					Aberration Test)	
Germ cell mutagenicity:				Salmonella	OECD 471	Negative
				typhimuri	(Bacterial Reverse	
				um	Mutation Test)	
Reproductive toxicity	NOAEC	21,641	mg/l		OECD 422	
(Developmental		, -			(Combined	
toxicity):					Repeated Dose	
					Tox. Study with	
					the	
					Reproduction/Dev	
					elopm. Tox.	
					Screening Test)	
Aspiration hazard:					bereening rest)	No
Symptoms:						breathing
Symptoms.						difficulties,
						unconsciousn
						ess, frostbite,
						headaches,
						cramps,
						mucous
						membrane
						irritation,
						dizziness,
						nausea and
						vomiting.
Specific target organ	NOAEL	7,214	mg/l	Rat	OECD 422	
toxicity - repeated					(Combined	
exposure (STOT-RE),					Repeated Dose	
inhalat.:					Tox. Study with	
					the	
					Reproduction/Dev	
					elopm. Tox.	
					Screening Test)	
Specific target organ	LOAEL	21,641	mg/l	Rat	OECD 422	
toxicity - repeated					(Combined	
exposure (STOT-RE),					Repeated Dose	
inhalat.:					Tox. Study with	
					the	
					Reproduction/Dev	
					elopm. Tox.	
					Screening Test)	
L		I .	1	I.		

Isobutane									
Toxicity / effect	Endpoi	Value	Unit	Organism	Test method	Notes			
	nt								
Acute toxicity, by	LC50	658	mg/l/4h	Rat					
inhalation:									





Page 15 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

Acute toxicity, by inhalation:	LC50	260000	ppmV/ 4h	Rat		Gasses, Male
Serious eye damage/irritation:				Rabbit		Not irritant
Germ cell mutagenicity:				Salmonella typhimuri um	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Aspiration hazard:						No
Symptoms:						unconsciousn ess, frostbite, headaches, cramps, dizziness, nausea and vomiting.
Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.:	NOAEL	21,394	mg/l	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Dev elopm. Tox. Screening Test)	

# **SECTION 12: Ecological information**

Possibly more information on environmental effects, see Section 2.1 (classification).

Winter Foam -20°C 750 ml										
Art.: 9095270										
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes			
12.1. Toxicity to							n.d.a.			
fish:										
12.1. Toxicity to							n.d.a.			
daphnia:										
12.1. Toxicity to							n.d.a.			
algae:										
12.2. Persistence							n.d.a.			
and degradability:										
12.3.							n.d.a.			
Bioaccumulative										
potential:										
12.4. Mobility in							n.d.a.			
soil:										
12.5. Results of							n.d.a.			
PBT and vPvB										
assessment										
12.6. Other							n.d.a.			
adverse effects:										





Page 16 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Other information:	With water
	at the
	interface,
	transforms
	slowly with
	formation of
	CO2 into a
	firm,
	insoluble
	reaction
	product with
	a high
	melting
	point
	(polycarbami
	de).
	According
	to
	experience
	available to
	date,
	polycarbami
	de is inert
	and non-
	degradable.

memyremyr bis(2-	methylethyl bis(2-chloropropyl) ester										
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes				
12.1. Toxicity to	LC50	96h	56,2	mg/l							
fish:				_							
12.1. Toxicity to	LC50	96h	51	mg/l	Pimephales						
fish:					promelas						
12.1. Toxicity to	LC50	96h	56,2	mg/l	Brachydanio						
fish:					rerio						
12.1. Toxicity to	LC50	96h	56,2	mg/l							
fish:											
12.1. Toxicity to	EC50	48h	131	mg/l	Daphnia						
daphnia:					magna						
12.1. Toxicity to	NOEC/NO		32	mg/l	Daphnia						
daphnia:	EL				magna						
12.1. Toxicity to	NOEC/NO	21d	32	mg/l	Daphnia	OECD 202					
daphnia:	EL				magna	(Daphnia sp.					
						Acute					
						Immobilisatio					
						n Test)					





Page 17 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

12.1. Toxicity to algae:		72h	82	mg/l	Pseudokirchne riella subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
12.1. Toxicity to algae:	EC50	72h	82	mg/l	Pseudokirchne riella subcapitata	OECD 221 (Lemna sp. Growth Inhibition Test)	freshwater
12.2. Persistence and degradability:		28d	13	%	activated sludge	Regulation (EC) 440/2008 C.6 (DEGRADAT ION - CHEMICAL OXYGEN DEMAND)	Not readily biodegradabl e
12.2. Persistence and degradability:							Not readily biodegradabl e
12.3. Bioaccumulative potential:	BCF	42d	0,8- 2,8		Cyprinus caprio	OECD 305 (Bioconcentra tion - Flow- Through Fish Test)	
12.3. Bioaccumulative potential:	BCF		0,8- <14			1633)	
12.3. Bioaccumulative potential:	Log Pow		-2,68				
12.3. Bioaccumulative potential:	BCF	42d	0,8- 4,6		Cyprinus caprio		A notable biological accumulation potential is not to be expected (LogPow 1-3).
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance





Page 18 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Toxicity to	EC50	3h	784	mg/l	activated	OECD 209
bacteria:					sludge	(Activated
						Sludge,
						Respiration
						Inhibition
						Test (Carbon
						and
						Ammonium
						Oxidation))

Dimethyl ether							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to	LC0	96h	2695	mg/l	Pimephales		
fish:					promelas		
12.1. Toxicity to	LC50	96h	3082	mg/l	Salmo		
fish:					gairdneri		
12.1. Toxicity to	LC50	96h	>4,1	mg/l	Poecilia		
fish:					reticulata		
12.1. Toxicity to	EC50	48h	>4,4	mg/l	Daphnia		
daphnia:					magna		
12.1. Toxicity to	EC50	96h	154,9	mg/l	Chlorella		
algae:					vulgaris		
12.2. Persistence		28d	5	%		OECD 301 D	Not readily
and degradability:						(Ready	biodegradabl
						Biodegradabil	e
						ity - Closed	
						Bottle Test)	
12.3.	Log Pow		-0,07				Bioaccumula
Bioaccumulative							tion is
potential:							unlikely
							(LogPow <
							1). 25°C
							(pH 7)
12.4. Mobility in	H (Henry)		518,6	Pa*m3/			No
soil:				mol			adsorption
							in soil.
12.5. Results of							No PBT
PBT and vPvB							substance,
assessment							No vPvB
							substance
Toxicity to	EC10		>1600	mg/l	Pseudomonas		
bacteria:					putida		





Page 19 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Other information:				Does not
				contain any
				organically
				bound
				halogens
				which can
				contribute to
				the AOX
				value in
				waste
				water.DIN
				EN 1485
Water solubility:	45,60	mg/l		25°C

Propane							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.3. Bioaccumulative potential:	Log Pow		2,28				A notable biological accumulation potential is
							not to be expected (LogPow 1-3).
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance

Isobutane							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.3.							A notable
Bioaccumulative potential:							biological accumulation potential is
							not to be
							expected
							(LogPow 1-
							3).
12.1. Toxicity to	LC50	96h	27,98	mg/l			
fish:							
12.1. Toxicity to	EC50	96h	7,71	mg/l			
algae:							
12.2. Persistence							Readily
and degradability:							biodegradabl
							e
12.5. Results of							No PBT
PBT and vPvB							substance,
assessment							No vPvB
							substance





Page 20 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be

allocated under certain circumstances. (2014/955/EU)

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

08 05 01 waste isocyanates

16 05 04 gases in pressure containers (including halons) containing hazardous substances

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

Take full aerosol cans to problem waste collection.

Take emptied aerosol cans to valuable material collection.

# For contaminated packing material

Pay attention to local and national official regulations.

Do not perforate, cut up or weld uncleaned container.

Residues may present a risk of explosion.

15 01 10 packaging containing residues of or contaminated by hazardous substances

## **SECTION 14: Transport information**

General	statements

14.1. UN number: 1950

Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:

UN 1950 AEROSOLS

14.3. Transport hazard class(es): 2.1 14.4. Packing group: Classification code: 5F LQ: 1 L

14.5. Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

14.2. UN proper shipping name:

**AEROSOLS** 

14.3. Transport hazard class(es): 2.1 14.4. Packing group:

F-D, S-U EmS: Marine Pollutant:

14.5. Environmental hazards: Not applicable

Transport by air (IATA)

14.2. UN proper shipping name:

Aerosols, flammable

14.3. Transport hazard class(es): 2.1 14.4. Packing group:

Not applicable 14.5. Environmental hazards:

14.6. Special precautions for user











Page 21 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

Persons employed in transporting dangerous goods must be trained.

All persons involved in transporting must observe safety regulations.

Precautions must be taken to prevent damage.

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

Freighted as packaged goods rather than in bulk, therefore not applicable.

Minimum amount regulations have not been taken into account.

Danger code and packing code on request.

Comply with special provisions.

## **SECTION 15: Regulatory information**

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

#### Observe restrictions:

Comply with national regulations/laws governing the protection of young people at work (national implementation of the Directive 94/33/EC)!

Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!

Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

may also need to be considered according to storage, nandring etc.).					
Hazard categories	Notes to Annex I	Qualifying quantity	Qualifying quantity		
		(tonnes) of dangerous	(tonnes) of dangerous		
		substances as referred to	substances as referred to		
		in Article 3(10) for the	in Article 3(10) for the		
		application of - Lower-	application of - Upper-		
		tier requirements	tier requirements		
P3a	11.1	150 (netto)	500 (netto)		

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 2 - This product contains the substances listed below:

Bricetive 2012/10/E0 (Seveso III ), Affinex 1, 1 art 2 - This product contains the substances listed below.					
Entry Nr	Dangerous	Notes to Annex I	Qualifying quantity	Qualifying quantity	
	substances		(tonnes) for the	(tonnes) for the	
			application of -	application of -	
			Lower-tier	Upper-tier	
			requirements	requirements	
18	Liquefied	19	50	200	
	flammable gases,				
	Category 1 or 2				
	(including LPG)				
	and natural gas				

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC):

16,93 %

Observe incident regulations.





Page 22 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

#### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

#### **SECTION 16: Other information**

Revised sections:

Employee training in handling dangerous goods is required.

These details refer to the product as it is delivered.

Employee instruction/training in handling hazardous materials is required.

# Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

2, 15

Classification in accordance with regulation (EC)	Evaluation method used	
No. 1272/2008 (CLP)		
Acute Tox. 4, H332	Classification according to calculation procedure.	
Eye Irrit. 2, H319	Classification according to calculation procedure.	
STOT SE 3, H335	Classification according to calculation procedure.	
Skin Irrit. 2, H315	Classification according to calculation procedure.	
Resp. Sens. 1, H334	Classification according to calculation procedure.	
Skin Sens. 1, H317	Classification according to calculation procedure.	
Carc. 2, H351	Classification according to calculation procedure.	
Aerosol 1, H222	Classification according to calculation procedure.	
Aerosol 1, H229	Classification based on the form or physical state.	
STOT RE 2, H373	Classification according to calculation procedure.	

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H373 May cause damage to organs through prolonged or repeated exposure by inhalation.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H220 Extremely flammable gas.

Acute Tox. — Acute toxicity - inhalation

Eye Irrit. — Eye irritation

STOT SE — Specific target organ toxicity - single exposure - respiratory tract irritation

Skin Irrit. — Skin irritation

Resp. Sens. — Respiratory sensitization

Skin Sens. — Skin sensitization

Carc. — Carcinogenicity

Aerosol — Aerosols

STOT RE — Specific target organ toxicity - repeated exposure

Acute Tox. — Acute toxicity - oral

Flam. Gas — Flammable gases - Flammable gas





Page 23 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

## Any abbreviations and acronyms used in this document:

acc., acc. to according, according to

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOX Adsorbable organic halogen compounds

approx. approximately Art., Art. no. Article number

ASTM ASTM International (American Society for Testing and Materials)

ATE Acute Toxicity Estimate

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

BSEF The International Bromine Council

bw body weight

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level

dw dry weight

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EC European CommunityECHA European Chemicals AgencyEEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

etc. et cetera EU European Union

EVAL Ethylene-vinyl alcohol copolymer

Fax. Fax number gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

IARC International Agency for Research on Cancer

IATA International Air Transport Association IBC (Code) International Bulk Chemical (Code)

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform Chemical Information Database

**IUPACInternational Union for Pure Applied Chemistry** 

LC50 Lethal Concentration to 50 % of a test population

LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)

LQ Limited Quantities





Page 24 of 24

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 28.04.2021 / 0004

Replacing version dated / version: 28.04.2020 / 0003

Valid from: 28.04.2021 PDF print date: 02.06.2021 Winter Foam -20°C 750 ml

Art.: 9095270

MARPOL International Convention for the Prevention of Marine Pollution from Ships

not applicable n.a. n.av. not available not checked n.c. n.d.a. no data available

OECD Organisation for Economic Co-operation and Development

org. organic

**PBT** persistent, bioaccumulative and toxic

PΕ Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million PVC Polyvinylchloride

**REACH** Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No.

9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SVHC Substances of Very High Concern

Tel. Telephone

**UN RTDG** United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.