

# SAFETY DATA SHEET

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

Tradic name or designation of the mixtureFerrokleenSynonymsNone.Product codeB050015608UIssue date24-February-2021Uersion number011. Edevant identified uses is ubstance or mixture and uses advised against identified usesNone known.1. Jotalis of the supplier of the substance or mixture and uses advised against identified usesNone known.1. Jotalis of the supplier of the Strope bv AddresCRC Industine Europe bv 2402 240AddresTouwslagerstraat 1 2402 2402 2402 2402 2402 2402 2402 2402	1.1. Product identifier	
Product code         BDS001560BU           Issue date         24-February-2021           Version number         01           1.2. Relevant identified uses of the substance or mixture and uses advised against         Cleaners - Heavy duty           Uses advised against         None known.           1.3. Datalis of the supplier of the suffy data sheat         Company name           Company name         CRC Industries Europe bv           Address         1920 Zele           Belgium         Telephone           Telephone         32(0)52/45.60.11           Fax         32(0)52/45.60.11           Kebsite         www.creind.com           Website         www.creind.com           Number         Telephone           1.4. Emergency telephone         Tel: +32(0)52/45.60.11 (office hours)           www.creind.com         valiable for the Emergency Service.)           Austria National Poisoon         4341 404 343 (valiable 24 hours a day. SDS/Product information may not be available for the Emergency Service.)           Bulgaria National Poisoon         4341 404 3434 (valiable 24 hours a day. SDS/Product information may not be available for the Emergency Service.)           Control Center         available for the Emergency Service.)           Bulgaria National Poisoon         4531 404 3434 (valiable 24 hours a day. SDS/Product information may	-	Ferrokleen
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9240 ZeleBelgiumTelephoneFax432(0)52/45.00.34E-mailhse@crcind.comWebsitewww.crcind.comTelephoneTel: +32(0)52/45.00.11 (office hours)ImmberTel: +32(0)52/45.60.11 (office hours)MumberTel: +32(0)52/45.60.11 (office hours)Austria National PoisonsControl CenterBulgaria National+359 2 9154233 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)Control Center+458 2 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)Finland National Poisons16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on antional holidays). SDS/Product information may not be available for the Emergency Service.)Finland National PoisonsControl CenterFinland National PoisonsControl CenterSD	Company name	CRC Industries Europe by
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Toxicological Information Centeravailable for the Émergency Service.)Czech Republic National Poisons Information Centre+420 224 919 293, or +420 224 915 402 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)Denmark National Poisons Control Center+45 82 12 12 12 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)Estonia National Poisons Information Centre16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays). SDS/Product information may not be available for the Emergency Service.)Finland National Poisons Information Center(09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)France National Poisons Control CenterORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)Hungary National Emergency Phone Number36 80 20 11 99 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)Lithuania Neatidėliotina informacija apsinuodijus+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)Malta Accident and2545 4030 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)		
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Emergency Phone Numberavailable for the Emergency Service.)Lithuania Neatidėliotina informacija apsinuodijus+370 5 236 20 52 or +37068753378 (Hours of operation not provided. SDS/Product information may not be available for the Emergency Service.)Malta Accident and2545 4030 (Hours of operation not provided. SDS/Product information may not be		
informacija apsinuodijusSDS/Product information may not be available for the Emergency Service.)Malta Accident and2545 4030 (Hours of operation not provided. SDS/Product information may not be		

Netherlands National Poisons Information Center (NVIC)	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
Norway Norwegian Poison Information Center	22 59 13 00 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Romania Biroul RSI si Informare Toxicologica	021.318.36.06 (Available 8:00AM-3:00PM. SDS/Product information may not be available for the Emergency Service.)
Slovakia National Toxicological Information Center	+421 2 5477 4166 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
Sweden National Poison Information Center	112 - and ask for Poison Information (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards Corrosive to metals	Category 1	H290 - May be corrosive to metals.
Health hazards		
Acute toxicity, oral	Category 4	H302 - Harmful if swallowed.
Skin corrosion/irritation	Category 1	H314 - Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.

## Hazard summary

May be corrosive to metals. Causes severe skin burns and eye damage. Harmful if swallowed. Occupational exposure to the substance or mixture may cause adverse health effects.

#### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Contains:

Hazard pictograms



## Signal word Hazard stateme

May be corrosive to metals.
Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye damage.

#### **Precautionary statements**

Prevention	
P102	Keep out of reach of children.
P234	Keep only in original container.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
Response	
P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE/doctor.
Storage	
P405	Store locked up.
Disposal	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information	Regulation (EC) No 648/2004 on detergents: aliphatic hydrocarbons <5% non-ionic surfactants <5% benzisothiazolinone
2.3. Other hazards	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

# **SECTION 3: Composition/information on ingredients**

3.2.	Mixtures

General information	0/			Index No	Netza
Chemical name Phosphoric acid	<mark>%</mark> 25 - 50	7664-38-2	<b>REACH Registration No.</b> 01-2119485924-24	Index No. 015-011-00-6	Notes #
Classi	fication: Met Corr	231-633-2	;H302, Skin Corr. 1B;H314	Eve Dam	
Classifi	1;H318	1,11290, Acute 10X. 4	,11302, 3811 6011. 10,11314	, Lye Dam.	
1-METHOXY-2-PROPANOL; MONOPROPYLENE GLYCO METHYL ETHER	1 - 5 L	107-98-2 203-539-1	01-2119457435-35	603-064-00-3	#
Classif	fication: Flam. Liq.	3;H226, STOT SE 3;	H336		
sulphamidic acid; sulphamic a sulfamic acid	acid; 1 - 5	5329-14-6 226-218-8	01-2119488633-28	016-026-00-0	
Classif	fication: Skin Irrit. 2	;H315, Eye Irrit. 2;H3	19, Aquatic Chronic 3;H412	2	
ist of abbreviations and symbo	ols that may be use	ed above			
#: This substance has been a	ssigned Union work	place exposure limit(	s).		
M: M-factor PBT: persistent, bioaccumula	tive and toxic substa	ance			
vPvB: very persistent and ver	y bioaccumulative s	ubstance.			
All concentrations are in perce				ercent by volume.	
omposition comments	I he full text for all	H-statements is disp	layed in section 16.		
ECTION 4: First aid meas	sures				
eneral information			re of the material(s) involve ata sheet to the doctor in at		utions to
.1. Description of first aid meas	sures				
Inhalation			nptoms develop or persist.		
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control centre immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.				
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.				
Ingestion	Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.				
I.2. Most important symptoms and effects, both acute and lelayed	Headache. Dizziness. Nausea, vomiting. Diarrhoea. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result.				
.3. Indication of any mmediate medical attention nd special treatment needed	immediately. Whil ambulance. Conti	e flushing, remove cl	nd treat symptomatically. C othes which do not adhere t ansport to hospital. Keep vi d.	to affected area. C	all an
SECTION 5: Firefighting m	neasures				
eneral fire hazards	Not available.				
.1. Extinguishing media Suitable extinguishing media	Water fog. Foam.	Dry chemical powde	. Carbon dioxide (CO2).		
Unsuitable extinguishing media	Do not use water	jet as an extinguishe	, as this will spread the fire		
.2. Special hazards arising	During fire, gases	hazardous to health	may be formed.		

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

5.3. Advice for firefighters	
Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	Move containers from fire area if you can do so without risk.

# **SECTION 6: Accidental release measures**

6.1. Personal precautions, protect	ctive equipment and emergency procedures
For non-emergency personnel	Wear appropriate personal protective equipment.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
6.2. Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	This product is miscible in water. Should not be released into the environment. Prevent entry into waterways, sewer, basements or confined areas.
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb spillage to prevent material damage. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.
SECTION 7: Handling and	storage
7.1. Precautions for safe handling	Do not breathe mist/vapours. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash bands thoroughly after bandling. Observe

	good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Store in a cool, dry place out of direct sunlight. Store in corrosive resistant container with a resistant inner liner. Store in tightly closed container. Keep only in the original container. Store away from incompatible materials (see Section 10 of the SDS). Storage class (TRGS 510): 8A (Combustible corrosive substances)
7.3. Specific end use(s)	Not available.

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

## 8.1. Control parameters

#### **Occupational exposure limits**

#### Austria. MAK List, OEL Ordinance (GwV), BGBI. II, no. 184/2001

Components	Туре	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Ceiling	187 mg/m3
		50 ppm
	MAK	187 mg/m3
		50 ppm
Phosphoric acid (CAS 7664-38-2)	МАК	1 mg/m3
	STEL	2 mg/m3
Belgium. Exposure Limit Values		
Components	Туре	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	369 mg/m3
		100 ppm
	TWA	184 mg/m3
		50 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	STEL	2 mg/m3 1 mg/m3

Bulgaria. OELs. Regulation No 13 on p Components	protection of workers agains Type	t risks of exposure to chem Value	ical agents at work
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3	
		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3	
	TWA	1 mg/m3	
Croatia. Dangerous Substance Exposu Components	ure Limit Values in the Work Type	place (ELVs), Annexes 1 an Value	d 2, Narodne Novine, 13/09
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	MAC	375 mg/m3	
		100 ppm	
	STEL	568 mg/m3	
		150 ppm	
Phosphoric acid (CAS 7664-38-2)	MAC	1 mg/m3	
	STEL	2 mg/m3	
Czech Republic. OELs. Government Do	ecree 361		
Components	Туре	Value	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Ceiling	550 mg/m3	
	TWA	270 mg/m3	
Phosphoric acid (CAS 7664-38-2)	Ceiling	2 mg/m3	
	TWA	1 mg/m3	
Denmark. Exposure Limit Values Components	Туре	Value	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TLV	185 mg/m3	
		50 ppm	
Phosphoric acid (CAS 7664-38-2)	TLV	1 mg/m3	
Estonia. OELs. Occupational Exposure Components	e Limits of Hazardous Subs Type	tances (Regulation No. 105/ Value	2001, Annex), as amended Form
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3	
· /		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3	Vapour.
,	TWA	1 mg/m3	Vapour.

Finland. Workplace Exp Components		уре	Value
1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2)		STEL	560 mg/m3
			150 ppm
	T	WA	370 mg/m3
			100 ppm
Phosphoric acid (CAS 7664-38-2)	S	STEL	2 mg/m3
	T	WA	1 mg/m3
France. Threshold Limit Components		occupational Exposure to Chemic Type	cals in France, INRS ED 984 Value
1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2)		/LE	375 mg/m3
Regulatory status:	Regulatory binding (	(VRC)	
			100 ppm
Regulatory status:	Regulatory binding (	(VRC)	
		/ME	188 mg/m3
Regulatory status:	Regulatory binding (	(VRC)	50 ppm
Regulatory status:	Regulatory binding (	(VRC)	11
Phosphoric acid (CAS 7664-38-2)		/LE	2 mg/m3

	VME	1 mg/m3
Regulatory status:	Regulatory indicative (VRI)	
		0,2 ppm
Regulatory status:	Regulatory indicative (VRI)	
Gormany DEG MAK List	(advisory OELs) Commiss	ion for the Investigation of Health Hazards of Chemical Compounds

0,5 ppm

# Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Туре	Value	Form
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TWA	370 mg/m3	
		100 ppm	
Phosphoric acid (CAS 7664-38-2)	TWA	2 mg/m3	Inhalable fraction.
Germany. TRGS 900, Limit Values in	n the Ambient Air at the Workpl	ace	
Components	Туре	Value	Form
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	AGW	370 mg/m3	
		100 ppm	
Phosphoric acid (CAS 7664-38-2)	AGW	2 mg/m3	Inhalable fraction.
Greece. OELs (Decree No. 90/1999,	as amended)		
Components	Туре	Value	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	1080 mg/m3	

Regulatory status:

Regulatory indicative (VRI)

Regulatory status: Regulatory indicative (VRI)

#### Greece. OELs (Decree No. 90/1999, as amended) Components Type

Components	Туре	Value	
		300 ppm	
	TWA	360 mg/m3	
		100 ppm	
Phosphoric acid (CAS 7664-38-2)	STEL	3 mg/m3	
	TWA	1 mg/m3	

# Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Туре	Value	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3	
	TWA	375 mg/m3	
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3	
	TWA	1 mg/m3	

# Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Туре	Value	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3	
		150 ppm	
	TWA	185 mg/m3	
		50 ppm	
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3	
	TWA	1 mg/m3	
Ireland. Occupational Exposure Li	mits		
Components	Туре	Value	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3	
		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3	
	TWA	1 mg/m3	
Italy. Occupational Exposure Limit	S		
Components	Туре	Value	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3	
		150 ppm	
	TWA	375 mg/m3	
		100 ppm	
Phosphoric acid (CAS	STEL	2 mg/m3	
7664-38-2)	TWA	1 mg/m3	
	IVVA	1 119/113	

Latvia. OELs. Occupational exposu Components	ire limit values of chemical s Type	ubstances in work environment Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3
		100 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	TWA	1 mg/m3
Lithuania. OELs. Limit Values for ( Components	Chemical Substances, Gener Type	ral Requirements Value
-	-	
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	300 mg/m3
		75 ppm
	TWA	190 mg/m3
		50 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	TWA	1 mg/m3
Luxembourg. Binding Occupationa Components	l exposure limit values (Ann Type	ex I), Memorial A Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3
		100 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	TWA	1 mg/m3
Malta. OELs. Occupational Exposu Schedules I and V)	re Limit Values (L.N. 227. of	Occupational Health and Safety Authority Act (CAP. 424)
Components	Туре	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3
		100 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	TWA	1 mg/m3
Netherlands. OELs (binding) Components	Туре	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	563 mg/m3
	TWA	375 mg/m3
Phosphoric acid (CAS	STEL	2 mg/m3
7664-38-2)		

Netherlands. OELs (binding) Components	Туре	Value
	TWA	1 mg/m3
Norway. Administrative Norms for Components	Contaminants in the Workpla Type	ace Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TLV	180 mg/m3
Phaenharia agid (CAS	TLV	50 ppm
Phosphoric acid (CAS 7664-38-2)	ILV	1 mg/m3
Poland. Ordinance of the Minister of	of Labour and Social Policy of	on 6 June 2014 on the maximum permissible
concentrations and intensities of h Components	armful health factors in the v Type	vork environment, Journal of Laws 2014, item 817 Value
1-METHOXY-2-PROPANOL MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	360 mg/m3
	TWA	180 mg/m3
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
004-00-2)	TWA	1 mg/m3
Portugal. OELs. Decree-Law n. 290 Components	/2001 (Journal of the Republi Type	ic - 1 Series A, n.266) Value
1-METHOXY-2-PROPANOL MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3
		100 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	TWA	1 mg/m3
Portugal. VLEs. Norm on occupatio Components	onal exposure to chemical ag Type	jents (NP 1796) Value
1-METHOXY-2-PROPANOL MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	100 ppm
	TWA	50 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	3 mg/m3
	TWA	1 mg/m3
Romania. OELs. Protection of work Components	Туре	Value
1-METHOXY-2-PROPANOL MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3
		100 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	TWA	1 mg/m3

#### Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents Components Value Туре 1-METHOXY-2-PROPANOL STEL 568 mg/m3 ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2) 150 ppm 375 mg/m3 TWA 100 ppm Phosphoric acid (CAS STEL 2 mg/m3

# Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

1 mg/m3

TWA

Components	Туре	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	TWA	375 mg/m3
		100 ppm
Phosphoric acid (CAS 7664-38-2)	TWA	1 mg/m3
Spain. Occupational Exposure Limits		
Components	Туре	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	568 mg/m3
		150 ppm
	TWA	375 mg/m3
		100 ppm
Phosphoric acid (CAS 7664-38-2)	STEL	2 mg/m3
	TWA	1 mg/m3

# Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7)

Components	Туре	Value
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	Ceiling	568 mg/m3
		150 ppm
	STEL	300 mg/m3
		75 ppm
	TWA	190 mg/m3
		50 ppm
Phosphoric acid (CAS 7664-38-2)	Ceiling	2 mg/m3
	TWA	1 mg/m3
Switzerland. SUVA Grenzwerte am	Arbeitsplatz	
Components	Туре	Value Form
1-METHOXY-2-PROPANOL ; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)	STEL	720 mg/m3
		200 ppm
	TWA	360 mg/m3
		100 ppm

7664-38-2)

Components		Туре		Val	ue	Form
Phosphoric acid (CAS 7664-38-2)		STEL		4 m	ıg/m3	Inhalable fraction.
		TWA		2 m	ıg/m3	Inhalable fraction.
UK. EH40 Workplace Ex	cposure Limits (W	ELs)				
Components	·	Туре		Val	ue	
1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2)		STEL		560	) mg/m3	
				150	) ppm	
		TWA		375	5 mg/m3	
				100	) ppm	
Phosphoric acid (CAS 7664-38-2)		STEL		2 m	ıg/m3	
		TWA		1 m	ıg/m3	
EU. Indicative Exposure Components	e Limit Values in E	Directive Type	es 91/322/EEC, 20	00/39/EC, 2006/ <sup>,</sup> Val		/161/EU, 2017/164/EU
1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2)	-	STEL		568	8 mg/m3	
~ ~ /				150	) ppm	
		TWA		375	5 mg/m3	
				100	) ppm	
		STEL		2 m	ıg/m3	
Phosphoric acid (CAS 7664-38-2)		OILL				
		TWA		1 m	ıg/m3	
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components	Value	TWA	/alues) Determinant	1 m Specimen	ng/m3 Sampling	Time
7664-38-2) ogical limit values Germany. TRGS 903, B/	Value IOL15 mg/l	TWA	-		-	Time
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE	Value IOL15 mg/I ER	TWA I Limit \	Determinant 1-Methoxyprop an-2-ol	Specimen	Sampling	Time
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2)	Value IOL15 mg/I ER blease see the sour	TWA I Limit \	Determinant 1-Methoxyprop an-2-ol ment.	<b>Specimen</b> Urine	Sampling	·
7664-38-2) ogical limit values Germany. TRGS 903, BA Components 1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2)	Value IOL15 mg/I ER blease see the sour e (Biological Limit Value IOL20 mg/I ER	TWA I Limit V rce docu Values	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2	Specimen Urine e as per SUVA)	Sampling	·
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p commended monitoring	Value IOL15 mg/I ER blease see the sour e (Biological Limit Value IOL20 mg/I ER blease see the sour	TWA I Limit V rce docu Values	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2	Specimen Urine e as per SUVA) Specimen Urine	Sampling	·
7664-38-2) ogical limit values Germany. TRGS 903, BA Components 1-METHOXY-2-PROPAN (MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN (MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p ommended monitoring edures	Value IOL15 mg/I ER blease see the sour <b>e (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stand	TWA I Limit V rce docu Values	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment.	Specimen Urine e as per SUVA) Specimen Urine	Sampling	·
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p commended monitoring	Value IOL15 mg/I ER blease see the sour <b>e (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stand	TWA I Limit V rce docu Values	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment.	Specimen Urine e as per SUVA) Specimen Urine	Sampling	·
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p ommended monitoring edures ved no effect levels (DN General Population	Value IOL15 mg/I ER blease see the sour <b>e (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stand	TWA I Limit V rce docu Values	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment. hitoring procedures	Specimen Urine e as per SUVA) Specimen Urine	Sampling * Sampling *	·
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p ommended monitoring edures ved no effect levels (DN General Population Components	Value IOL15 mg/I ER blease see the sour <b>e (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stanc	TWA I Limit \ Tce docu Values Tce docu lard mor	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment. hitoring procedures	Specimen Urine as per SUVA) Specimen Urine S.	Sampling * Sampling * ent factor	Time
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p ommended monitoring edures ved no effect levels (DN General Population Components	Value IOL15 mg/I ER blease see the sour <b>a (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stanc IELs) IOL; MONOPROPY c, Dermal c, Inhalation	TWA I Limit V Tree docu Values Tree docu lard mor Valu (LENE ( 78 m 43,9	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment. hitoring procedures	Specimen Urine as per SUVA) Specimen Urine S.	Sampling * Sampling * ent factor	Time
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p ommended monitoring edures ved no effect levels (DN General Population Components 1-METHOXY-2-PROPAN Long-term, Systemic Long-term, Systemic Long-term, Systemic	Value IOL15 mg/I ER blease see the sour <b>a (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stanc IELs) IOL; MONOPROPY c, Dermal c, Inhalation	TWA I Limit V Tree docu Values Tree docu lard mor Valu (LENE ( 78 m 43,9	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment. hitoring procedures  E GLYCOL METHYL ng/kg bw/day mg/m3	Specimen Urine as per SUVA) Specimen Urine Urine S. S. ETHER (CAS 10 16,8	Sampling * Sampling * ent factor	Notes Repeated dose toxicity Repeated dose toxicity
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN (MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN (CAS 107-98-2) * - For sampling details, p MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p ommended monitoring edures ved no effect levels (DN General Population Components 1-METHOXY-2-PROPAN Long-term, Systemic Long-term, Systemic	Value IOL15 mg/I ER blease see the sour <b>a (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stanc IELs) IOL; MONOPROPY c, Dermal c, Inhalation	TWA I Limit V Tree docu Values Tree docu lard mor Valu (LENE ( 78 m 43,9	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment. hitoring procedures  E GLYCOL METHYL ng/kg bw/day mg/m3 ng/kg bw/day	Specimen Urine as per SUVA) Specimen Urine Urine S. S. ETHER (CAS 10 16,8	Sampling * Sampling * * ent factor 07-98-2)	Notes Repeated dose toxicity Repeated dose toxicity
7664-38-2) ogical limit values Germany. TRGS 903, B/ Components 1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p Switzerland. BAT-Werte Components 1-METHOXY-2-PROPAN ; MONOPROPYLENE GLYCOL METHYL ETHE (CAS 107-98-2) * - For sampling details, p ommended monitoring edures ved no effect levels (DN General Population Components 1-METHOXY-2-PROPAN Long-term, Systemic Long-term, Systemic Long-term, Systemic Long-term, Systemic Cong-term, Sys	Value IOL15 mg/I ER blease see the sour <b>e (Biological Limit</b> Value IOL20 mg/I ER blease see the sour Follow stand IELs) IOL; MONOPROPY c, Dermal c, Inhalation c, Oral	TWA I Limit V Tree docu Values Tree docu Values Tree docu Values Tree docu Values Tree docu And mor Valu Valu Valu Valu Valu Valu Valu Valu	Determinant  1-Methoxyprop an-2-ol  ment. in the Workplace Determinant  1-METHOXYP ROPANOL-2  ment. hitoring procedures  EGLYCOL METHYL hg/kg bw/day mg/m3 hg/kg bw/day	Specimen Urine as per SUVA) Specimen Urine Urine S. S. Assessme 28 Assessme	Sampling * Sampling * ent factor 07-98-2)	Notes Repeated dose toxicity Repeated dose toxicity Repeated dose toxicity Repeated dose toxicity

553,5 mg/m3

Short-term, Systemic, I	111alation 555,5 mg/m	10		Neuroloxicity
Predicted no effect concentra	tions (PNECs)			
Components	Value	Assessme	nt factor	Notes
1-METHOXY-2-PROPANO	L; MONOPROPYLENE GLYCO	L METHYL ETHER (CAS 10	7-98-2)	
Freshwater	10 mg/l	100		
Intermittent releases	100 mg/l	10		
Marine water	1 mg/l	1000		
Sediment (freshwater)	52,3 mg/kg			
Sediment (marine wate				
Soil STP	4,59 mg/kg 100 mg/l	10		
Exposure guidelines	100 mg/r	10		
EU Exposure Limit Values	s: Skin designation			
=	ANOL; MONOPROPYLENE	Can be absorbed throug	h the skin.	
	ons concerning protection of v	workers against risks due t	o exposu	re to chemicals while working
1-METHOXY-2-PROP/ GLYCOL METHYL ETI	ANOL; MONOPROPYLENE HER (CAS 107-98-2)	Can be absorbed throug	h the skin.	
8.2. Exposure controls				
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.			
Individual protection measure				
General information	Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.			
Eye/face protection	Wear safety glasses with si	de shields (or goggles). Use	eye protec	ction conforming to EN 166.
Skin protection				
- Hand protection	time of the glove should be the breakthrough time, glov		of produc	
- Other	Wear appropriate chemical	resistant clothing.		
Respiratory protection	In case of insufficient ventil organic vapour cartridge. (F	ation, wear suitable respirator ilter type ABEK)	ry equipmo	ent. Chemical respirator with
Thermal hazards	Wear appropriate thermal p	rotective clothing, when nece	essary.	
Hygiene measures	washing after handling the	lrink. Always observe good p material and before eating, dr e equipment to remove conta	rinking, an	giene measures, such as d/or smoking. Routinely wash
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.			
SECTION 9. Physical an	d chamical proportios			

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

## 9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Colour	Not available.
Odour	Not available.
Odour threshold	Not available.
рН	< 2
Melting point/freezing point	-95 °C (-139 °F) estimated
Initial boiling point and boiling range	Not applicable.
Flash point	None
Evaporation rate	Not applicable.

Flammability (solid, gas)	Not available.	
Upper/lower flammability or explosive limits		
Flammability limit - lower (%)	Not available.	
Flammability limit - upper (%)	Not available.	
Vapour pressure	Not applicable.	
Vapour density	Not applicable.	
Relative density	1,23 g/cm3	
Relative density temperature	20 °C (68 °F)	
Solubility(ies)		
Solubility (water)	Soluble in water	
Partition coefficient (n-octanol/water)	Not available.	
Auto-ignition temperature	> 200 °C (> 392 °F)	
Decomposition temperature	Not available.	
Viscosity	Not available.	
Explosive properties	Not explosive.	
Oxidising properties	Not oxidising.	
9.2. Other information		
Chemical family	Cleaner	
VOC	15 g/l	

# **SECTION 10: Stability and reactivity**

10.1. Reactivity	Reacts violently with strong alkaline substances. This product may react with reducing agents. May be corrosive to metals.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Contact with incompatible materials. Do not mix with other chemicals.
10.5. Incompatible materials	Strong acids. Bases. Strong oxidising agents. Reducing Agents. Metals.
10.6. Hazardous decomposition products	Not available.

# **SECTION 11: Toxicological information**

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure		
Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.	
Skin contact	Causes severe skin burns.	
Eye contact	Causes serious eye damage.	
Ingestion	Causes digestive tract burns. Harmful if swallowed.	
Symptoms	Headache. Dizziness. Nausea, vomiting. Diarrhoea. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.	

## 11.1. Information on toxicological effects

Acute toxicity	Harmful if swallowed.
Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory sensitisation	Based on available data, the classification criteria are not met.
Skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Hungary. 26/2000 EüM Or (as amended)	dinance on protection against and preventing risk relating to exposure to carcinogens at work
Not listed.	

Reproductive toxicity	Based on available data, the classification criteria are not met.		
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.		
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.		
Aspiration hazard	Based on available data, the	classification criteria are not met.	
Mixture versus substance information	Not available.		
Other information	Not available.		
SECTION 12: Ecological in	nformation		
12.1. Toxicity	Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.		
12.2. Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.		
12.3. Bioaccumulative potential			
Partition coefficient n-octanol/water (log Kow) 1-METHOXY-2-PROPANOL; METHYL ETHER	MONOPROPYLENE GLYCOL	-0,49	
Bioconcentration factor (BCF)	Not available.		
12.4. Mobility in soil	No data available.		
12.5. Results of PBT and vPvB assessment	This mixture does not contain (EC) No 1907/2006, Annex X	substances assessed to be vPvB / PBT according to Regulation III.	
12.6. Other adverse effects	The product contains volatile organic compounds which have a photochemical ozone creation potential.		
12.7. Additional information			
Estonia Dangerous substan	ces in soil Data		
Phosphoric acid (CAS 7664-38-2)		Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg Chemical pesticides (As the total sum of the active substances) 20 mg/kg Chemical pesticides (As the total sum of the active substances) 5	
sulphamidic acid; sulphamic acid; sulfamic acid (CAS 5329-14-6)		mg/kg Chemical pesticides (As the total sum of the active substances) 0,5 mg/kg Chemical pesticides (As the total sum of the active substances) 20 mg/kg Chemical pesticides (As the total sum of the active substances) 5 mg/kg	
SECTION 13: Disposal considerations			

## 13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

# **SECTION 14: Transport information**

## ADR

n –	
14.1. UN number	UN1805
14.2. UN proper shipping	PHOSPHORIC ACID SOLUTION
name	
14.3. Transport hazard clas	s(es)
Class	8

Subsidiary risk Hazard No. (ADR) Not available. Tunnel restriction code (E) ADR/RID - Classification C1 code: 14.4. Packing group Ш 14.5. Environmental hazards No 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user ΙΑΤΑ 14.1. UN number UN1805 PHOSPHORIC ACID SOLUTION 14.2. UN proper shipping name 14.3. Transport hazard class(es) Class 8 Subsidiary risk Ш 14.4. Packing group 14.5. Environmental hazards No 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user IMDG 14.1. UN number UN1805 14.2. UN proper shipping PHOSPHORIC ACID SOLUTION name 14.3. Transport hazard class(es) 8 Class Subsidiary risk Ш 14.4. Packing group 14.5. Environmental hazards Marine pollutant No EmS F-A, S-B Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions for user 14.7. Transport in bulk Not established. according to Annex II of MARPOL 73/78 and the IBC Code

ADR; IATA; IMDG



# **SECTION 15: Regulatory information**

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2	012 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.	
	006 Annex II Pollutant Release and Transfer Registry, as amended
Not listed.	2006, REACH Article 59(10) Candidate List as currently published by ECHA
Not listed.	2000, REACH Article 39(10) Candidate List as currently published by ECHA
Authorisations	
	2006, REACH Annex XIV Substances subject to authorization, as amended
Not listed.	2000, REACH Annex XIV Substances subject to autionization, as amended
Restrictions on use	
	2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
• • •	namic acid; sulfamic acid (CAS 5329-14-6)
	he protection of workers from the risks related to exposure to carcinogens and mutagens at
Not listed.	
Other EU regulations	
Directive 2012/18/EU on m	najor accident hazards involving dangerous substances, as amended
1-METHOXY-2-PROPA	ANOL; MONOPROPYLENE GLYCOL METHYL ETHER (CAS 107-98-2)
Other regulations	The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.
National regulations	Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended. Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.
SECTION 16: Other infor	mation
List of abbreviations	
	ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road. AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany). ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP). CAS: Chemical Abstract Service.
	Ceiling: Short Term Exposure Limit Ceiling value. CEN: European Committee for Standardization.

CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.

GWP: Global Warming Potential.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MAC: Maximum Allowed Concentration.

MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).

MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent, bioaccumulative and toxic.

REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals). RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer). RID: Regulations concerning the International Carriage of Dangerous Goods by Rail. STEL: Short term exposure limit. TLV: Threshold Limit Value. TWA: Time Weighted Average.

- VLE: Exposure Limit Value.
- VME: Exposure Average Value.
- VOC: Volatile organic compounds.
- vPvB: Very persistent and very bioaccumulative.
- STEL: Short-term Exposure Limit.

Not available.

## References

Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any H-statements not written out in full under	
Sections 2 to 15	H226 Flammable liquid and vapour.
	H290 May be corrosive to metals.
	H302 Harmful if swallowed.
	H314 Causes severe skin burns and eye damage.
	H315 Causes skin irritation.
	H318 Causes serious eye damage.
	H319 Causes serious eye irritation.
	H336 May cause drowsiness or dizziness.
	H412 Harmful to aquatic life with long lasting effects.
Revision information	None.
Training information	Follow training instructions when handling this material.
Disclaimer	CRC Industries Europe byba cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently

available.