

Page 1 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4	

1.1.	Product identifier				
	Trading name:	PHOSPH	HOMOL	YBDIC ACII	D, 5% SOLUTION
	Chemical name:	-			
	Product code:	FMK5-C)T-X**		
1.2.	Relevant identified us	Relevant identified uses of the substance or m			ure and uses advised against
	Uses:			For use wi	th special staining kits.
	Uses advised against:			Only the id	dentified uses are advised.
	Reason why uses advised against:		nst:	The product is intended for use only as an <i>in vitro</i> diagnostic medical device and there is no reason to use it for other purposes.	
1.3.	Details of the supplier of the safety data sheet				
	Supplier: BioC		BioGr	Gnost Ltd.	
	Address:		Medji	edjugorska 59, Zagreb	
	Telephone number:		+385	385 1 2409997	
	Telefax:		+385	385 1 2404039	
	e-mail of competent	person:	<u>msds</u>	ds@biognost.hr	
	National contact:		-		
1.4.	Emergency telephone	e number	S		
	National Protection a	nd Rescu	e Direc	ctorate:	112
	Medical information:				+385 1 2348 342
	Other information:				-

SECTIO	N 2. Hazards identification						
2.1.	Classification of the substance or mixture						
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)						
	Hazard class and category code: Hazard statement*:						
	Skin Irr. 2		H315				
	Eye Irr. 2		H319				
2.1.2.	Additional information						
	-						
*For the	e full text of H and EUH phrase	es see Section 16					
2.2.	Label elements						
	Product identification:	PHOSPHOMO	DLYBDIC ACID, 5% SOLUTION				
	Identification number:	-					
	Authorisation number:	-					



Page 2 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4	

	Hazard pictograms:	GHS07		
	Signal word:	Warning		
	Hazard statement:	H315 Causes skin irritation H319 Causes serious eye irritation.		
	Precautionary statement:	P280 Wear protective gloves/protective clothing/eye/protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
	Supplemetal hazard information (EU):	-		
2.3.	Other hazards			
	No known endocrine disrupting properties. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.			

SECTION 3. Co	SECTION 3. Composition/information on ingredients							
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)				
51429-74-4/ 234-713-5/ -	-	4- 5 %	molybdophosphoric acid	Ox. Sol. 3; H272 Skin Corr. 1B; H314				

SECTIO	SECTION 4. First aid measures				
4.1.	. Description of first aid measures				
	General notes:	Move out of dangerous area. Show this safety data sheet to the doctor and first responders.			
	Following inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical advice.			
	Following skin contact:	Wash off with soap and plenty of water. If irritation occurs and persists: Get medical advice.			
	Following eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs and persists: Get medical advice.			



Page 3 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4	

	Following ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water.		
	Self-protection of the first aider	-		
4.2.	Most important symptom	s and effects, both acute and delayed		
	Following inhalation:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.		
	Following skin contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.		
	Following eye contact:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.		
	Following ingestion:	According to our findings, chemical, physical and toxicological properties of the substance have not been entirely tested.		
4.3.	Indication of any immedia	ate medical attention and special treatment needed		
	Treat symptomatically.			

SECTIO	ON 5. Firefighting measures	
5.1.	Extinguishing media	
	Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray (FOG) or foam.
	Unsuitable extinguishing media:	Avoid solid water stream as it may scatter and spread fire.
5.2.	Special hazards arising from the su	bstance or mixture
	Hazardous by products of fire:	Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiant at sufficient concentrations).
5.3.	Advice for firefighters	
	Use a self-contained open-circuit co	ompressed air breathing apparatus and fireproof clothing. Cool closed ter spray or vapor.
5.4.	Additional information	
	ing due to increase in pressure. Remove sources of heat and nvironment with extinguishing media.	

SECTIO	SECTION 6. Accidental release measures					
6.1.	Personal precautions, protective e	Personal precautions, protective equipment and emergency procedures				
6.1.1.	For non-emergency personnel					
	Protective equipment:	Use suitable personal protective equipment (see Section 8).				
	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment.				
	Emergency procedures: Mark the area using proper signs.					
6.1.2.	For emergency responders:					



Page 4 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4	

	Use protective equipment; in case of inadequate ventilation use adequate airways protective equipment (see Section 8).			
6.2.	Environmental precautions:			
	•	Do not dispose of in sewage, drainage system and waterways. In case of large spillage contact National Protection and Rescue Directorate (NPRD) on 112.		
6.3.	Methods and materials for containment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures: Sand or clay barriers.			
6.3.2.	Cleaning up:	After removing the product, use water to wash the work space and used materials.		
6.3.3.	Other information: No information available.			
6.4.	Reference to other sections			
	-			

SECTIO	DN 7. Handling and storage		
7.1.	Precautions for safe handling		
7.1.1.	Protection measures		
	Measures to prevent fire:		Use in well ventilated storage rooms. Refer to the manufacturer's recommendations.
	Measures to prevent aerosol and dust generation	on:	Secure proper ventilation.
	Measures to protect the environment:		Prevent spilling into the sewage system and waterways.
	Other measures:		-
7.1.2.	Advice on general occupational hygiene:		
	Do not eat, drink or smoke in the workspace. Thoroughly wash hands after work and before eating.		
7.2.	Conditions for safe storage, including any incor	npatibilities	
	Technical measures and storage conditions:	well venti	ghtly closed and upright set containers in a lated storage rooms at temperatures rom 15 to 25 °C.
	Packaging materials:	Manufact	urer's original packaging.
	Requirements for storage rooms and vessels:	storage rooms and vessels: Keep away from food and drink. Keep the containing tightly closed.	
	Advices for storage equipment:	must be r	ge must be made of hard material; floors resistant to chemicals. There must be no t directly leads into sewage system. Secure entilation.



Page 5 of 17

Trade name:	ne: PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4

	Further information on storage conditions:	Do not place the unused material in the storage room and do not use empty containers for storing other chemicals. Do not store with incompatible materials (see Section 9).
7.3.	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8. EXPOSURE CO	NTROLS / P	ERSONA	AL PRO	OTECTIO	N			
8.1. Control parameter	ers							
Substance	CAS N			upational exposure limit lues/short term values			В	iological limit values
			ķ	opm	mg/	m³		J
-	-			-	-			-
Substance: -								
EC No: -	CAS No:	-						
DNEL								
			Inc	lustrial				
Route of exposure:	ute effect Acute ef		ute eff	ect	Chronic effect		ect	Chronic effect
Noute of exposure.	local system		ystem	ic local		systemic		
Oral -		-			-			-
Inhalation -		-			-			-
Dermal -		-			-			-
Critical physical parameters	: solubility, fl	ammabil	ity, coı	rrosivity:		-		
			Coi	nsumer				
Route of exposure:	ute effect Acute 6		ute eff	ect	Chronic effect		ect	Chronic effect
noute or exposure.	local	S	ystem	ic		local		systemic
Oral -		-			-			-
Inhalation -		-			-			-
Dermal -		-			-			-
PNEC								
Environmental protection target				PNEC				
Fresh water				No information available				
Freshwater sediments				No information available				
Marine water				No information available				
Marine sediments				No info	rmation a	ıvailabl	e	



Page 6 of 17

Trade name:		PHOSPHOMOLYBDI	C ACID, 5% SOLUTION		
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4

Food cha	in	No information available		
Microorg	anisms in sewage treatment	No information available		
Soil (agri	cultural)	No information available		
Air		No information available		
8.2.	Exposure controls			
8.2.1.	Appropriate engineering controls			
	Substance/mixture related measure to prevent exposure during identifuses:	I like nersonal protective equipment 1)0 not eat drink or		
	Structural measures to prevent exposure:	No information available		
	Organisational measures to prevene exposure:	Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to prevent exposure:	Secure proper workspace ventilation in order to keep concentration levels in air below permitted levels.		
8.2.2.	Personal protection equipment:			
8.2.2.1.	Eye and face protection:	Safety glasses tested and approved under appropriate standards such as EN 166(EU).		
8.2.2.2.	Skin protection:			
	Hand protection:	Handle with chemical resistant gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.		
	Other skin protection:	No specific protective equipment required.		
8.2.2.3.	Respiratory protection:	Use when overexposure potential. Improper use of respirators is dangerous.		
8.2.2.4.	Thermal hazards:	No information available		
8.2.3.	Environmental exposure controls			
	Substance/mixture related measures to prevent exposure:	See Section 6		
	Structural measures to prevent exposure:	Use modern equipment.		
	Organisational measures to prevent exposure:	Adapt the work process to the required working conditions of the workplace.		
	Technical measures to prevent exposure:	See Section 6		



Page 7 of 17

Trade name:		PHOSPHOMOLYBD	C ACID, 5% SOLUTION		
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4

		Value	Method
	Physical state:	liquid	No information available
	Colour:	yellow	No information available
	Odour/odour threshold:	No information available	No information available
	Melting point / freezing point:	No information available	No information available
	Boiling point or initial boiling point and boiling range:	No information available	No information available
	Flammability:	No information available	No information available
	Lover and upper explosion limit:	No information available	No information available
	Flash point:	No information available	No information available
	Auto-ignition temperature:	No information available	No information available
	Decomposition temperature:	No information available	No information available
	рН:	No information available	No information available
	Kinematic viscosity:	No information available	No information available
	Solubility:	No information available	No information available
	Partition coefficient noctanol/water (log value):	No information available	No information available
	Vapour pressure:	No information available	No information available
	Density and/or relative density	No information available	No information available
	Relative vapour density:	No information available	No information available
	Particle characteristics:	No information available	No information available
.2.	Other information		

SECTION 10.: Stability and reactivity			
10.1.	Reactivity:	Not reactive under normal conditions.	
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using (room temperature).	
10.3.	Possibility of hazardous reactions:	No information available.	
10.4.	Conditions to avoid:	Contact with incompatible materials and temperature extremes.	
10.5.	Incompatible materials:	Strong oxidizers.	



Page 8 of 17

Trade name:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4

10.6.	Hazardous decomposition products:	Does not decompose under normal conditions. During fire, thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (as asphyxiant as sufficient concentrations).
-------	-----------------------------------	--

11.1. Inforr	nation on toxico	ological eff	ects						
Acute	toxicity:								
Route of exposure:	Meth	nod	Sp	ecies	Dos LD ₅₀ /L0			ure	Results
Oral:	No inforr availa			-	No inform availa	ation	-		-
Dermal:	No inforr availa			-	No inform availa	ation	-		_
nhalation: No information available				_	No inform availa	ation	-		-
					avanc				
: ·	fic target organ	-	ific effe	•			et organ	_	Note
Oral:	No inform	Spec	ific effe	•		Targe	et organ	-	Note
Speci Oral: Dermal: Inhalation:	No inform	Spec nation availa	cific effe able able	•		Targe	et organ		Note
Oral: Dermal: Inhalation: Aspir	No inform	Spector available artion available artio	cific effe able able able	•		Targe	et organ	-	Note
Oral: Dermal: Inhalation: Aspir	No inform No inform No inform ation hazard:	Spector available artion available artio	able able able	cts	OT-SE):	Targe		-	Note
Oral: Dermal: Inhalation: Aspir	No inform No inform No inform ation hazard:	Special Specia	able able able	cts	OT-SE):	Targe		-	



Page 9 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION							
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4				

Respiratory sensitization:	N	o inform	nation available.							
Symp	toms relat	ed to ph	ysical, chemical	l, and toxicologic	cal properties					
Oral exposure:		No kno	own specific syn	nptoms.						
Dermal exposu	re:	No kno	own specific symptoms. May cause skin irritation.							
Inhalation expo	sure:	No kno	own specific syn	nptoms.						
Eye exposure:		No kno	own specific syn	nptoms. May ca	use mild eye irrit	tation.				
Rene	ated dose t	toxicity (subacute, subcl	hronic chronic)						
, repe	Dos		Exposure time	Species	Method	Evaluation	Note			
Subacute oral	No information available		No information available	No information available	No information available	No information available	No information available			
Subacute dermal	No information available		No information available	No information available	No information available	No information available	No information available			
Subacute inhalation	No information available		No information available	No information available	No information available	No information available	No information available			
Subchronic oral	No infor		No information available	No information available	No information available	No information available	No information available			
Subchronic dermal	No infor		No information available	No information available	No information available	No information available	No information available			
Subchronic inhalation	No infor		No information available	No information available	No information available	No information available	No information available			
Chronic oral	No infor		No information available	No information available	No information available	No information available	No information available			
Chronic dermal	No infor		No information available	No information available	No information available	No information available	No information available			
Chronic inhalation	No infor		No information available	No information available	No information available	No information available	No information available			



Page 10 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION							
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4				

		Specific effects	5	Target organ	Note		
Subacut	e oral	No information availa	able	No information available	No information available		
Subacut	re dermal	No information available		No information available	No information available		
Subacut	e inhalation	No information availa	able	No information available	No information available		
Subchro	onic oral	No information availa	able	No information available	No information available		
Subchro	onic dermal	No information availa	able	No information available	No information available		
Subchronic inhalation Chronic oral Chronic dermal		No information available		No information available	No information available		
		No information availa	able	No information available	No information available		
		No information available		No information available	No information available		
Chronic inhalation No information av			able	No information available	No information available		
	CMR effects (carcino	ogenicity, mutagenicity,	reprodu	uctive toxicity)			
	Carcinogenicity:		Based met.	on available data, the classific	cation criteria are not		
	Mutagenicity in-vitr	o:	Based on available data, the classification criteria are not met.				
	Genotoxicity:		Based met.	on available data, the classific	cation criteria are not		
	Mutagenicity in-vive):	ł	on available data, the classifi	cation criteria are not		
	Germ cell mutageni	city:	Based met.	on available data, the classifi	cation criteria are not		
	Reproductive toxicit	y:	Based on available data, the classification criteria are not met.				
	Summary of eval properties:	uation of the CMR	No inf	ormation available			
11.2.	Information on other	er hazards:					
11.2.1.	Endocrine disruptin	g properties:					
	•	e disrupting properties					



Page 11 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION						
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4			

11.2.2.	Other informations:
	-

12.1. To	xicity							
Acute (short- toxicity	term)	Dose	Exposure time	Species	N	1ethod	Evaluation	Note
Fish		LC ₅₀	96 hours	-	-		-	-
Crustacea: EC ₅₀		48 hours	-	-		-	-	
Algae/aquati	c plants:	IC ₅₀	72 hours	-	-		-	-
Other organi	sms	-	-	-	-		-	-
Chronic (long toxicity	g-term)	Doza	Exposure time	Species	N	1ethod	Evaluation	Note
Fish		LC ₅₀	96 hours	-	-		-	-
Crustacea:		EC ₅₀	48 hours	-	-		-	-
Algae/aquatic plants:		IC ₅₀	72 hours	-	-		-	-
Other organi	sms	-	-	-	-		-	-
Ab	otic degra		•					
	Degr	adation ha	lf-lives	Method		Evaluation		Note
Marine water	No infor	mation av	ailable	No intormation available		No information available		-
Fresh water	No infor	mation av		No information available		No information available		-
	No information available			No information av		availal		-
Air				No information av	information available No inf		ormation	-
Air Soil	No infor	mation av	allable			availal	oie	
	No infor	mation av	allable			availat	ле	
Soil	No infor		allable			availat	DIE	
Soil	odegradat			Method		availat Evaluation		Note

12.3. Bioaccumulative potential



Page 12 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION								
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4					

	Octanol-w	ater partitior	coefficier	ıt (log k	(ow)					
Value	Cond	entration	рН	°C	M	lethod	Evalua	tion		Note
No informatic available		formation ble	-	-	No inf availab	ormation ble			-	
	Bioconcer	tration Facto	or (BCF)							
Valu	ie	Speci	es		Metho	d	Evaluation	ı		Note
No inform available		lo informatio vailable	on	No in availa	nformati able		No information available		_	
	Chronic ed	otoxicity								
V	/alue	Dose	Expos		Spe	ecies	Method	Eval	luation	Note
Chronic to	oxicity on f	ish LC ₅₀	No informa availabl		No inform availal	ation ir	lo nformation vailable	No inforr availa	mation ible	-
Chronic to crustacea	oxicity on (Daphnia)	EC ₅₀	No informa availabl		No inform availal	ation ir	lo nformation vailable	No inforr availa	mation ible	_
12.4.	Mobility in	soil								
	Known or	oredicted dis	tribution i	n enviro	onment	al compartr	ments:			
	Surface te	nsion:								
	Value	°C		oncent	ration	1	Method		1	Note
j	No No No		inform ailable	nation	No inforr available	No information				
	Adsorptio	n / desorptio	n							
Transport		D coefficient nry's constan		og Kow		Evaporatior rate	n Me	ethod		Note



Page 13 of 17

Trade na	ame:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION								
Product	code:	FMK5-OT-X**	Date of comp	pilation: 14 I	November 2022	Version:	4			
				1						
Soil-wat	_	information ailable	No information available	No information available	No information available	-				
Water-a	_	information ailable	No information available	No information available	No information available	-				
Soil-air		information ailable	No information available	No information available	No information available	-				
12.5.	Results	of PBT and vPvB a	ssessment							
			•		to be either persistent (vPvB) at levels of 0.1%		ve			
12.6.	Endocri	ne disrupting prop	erties							
				•	ered to have endocrin					
		_	EACH Article 57(f) o EU) 2018/605 at leve		Delegated regulation (E	EU) 2017/2100 (or			
	COMMIN	sion regulation (E	2010/003 41 1040	213 01 0.170 01 111	grier.					
12.7.	Other a	dverse effects								
12.7.		rmation available								
	140 11110	Thatier available								
SECTIO	N 13. Dis	posal considerati	ons							
13.1.		reatment methods								
	110000									
13.1.1.	Produ	ct/Packaging dispo	osal:							
		t for disposal to th		norized by the M	Ministry of Environmen	ital and Nature				
	TTOTO	.cion.								
13.1.2.	Waste	codes/waste desi	gnations according	to Law:						
	Dispos	sal must be made	according to officia	l regulations.						
			<u>-</u>	-						
13.1.3.	Waste	treatment – releva	ant information:							
	No inf	ormation available	2							
13.1.4.	Sewag	je disposal – releva	ant information:							
	Waste	must not be dispo	osed of into the sev	vage system.						
13.1.5.	Other	disposal recomme	endations:							



Page 14 of 17

Trade name:		PHOSPHOMOLYBDIC ACID, 5% SOLUTION							
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4				

	authorized by the ministr	oduct's remains into the sewage system. Submit the remains to the collectors y in charge. Do not dispose of the packaging into the sewage system. the collectors authorized by the ministry in charge.		
13.1.6.	Relevant Community prov	Community provisions:		
	-			
SECTIO	N 14. Transport informatio	n		
	Transporting/shipment by	road (ADR)		
UN num	ıber:	Not subject to transport regulations		
UN prop	per shipping name:	-		
Transpo	rt hazard class(es):	-		
Packing	group:	-		
Environ	nental hazards:	-		
Special	orecautions for user:	-		
	Transporting/shipment by	rail (RID)		
UN number:		Not subject to transport regulations		
UN proper shipping name:		-		
Transport hazard class(es):		-		
Packing	group:	-		
Environ	mental hazards:	-		
Special	orecautions for user:	-		
	Transporting/shipment by	inland waterways (ADN)		
UN num	ıber:	Not subject to transport regulations		
UN prop	per shipping name:	-		
Transpo	rt hazard class(es):	-		
Packing	group:	-		
Environ	mental hazards:	-		
Special	orecautions for user:	-		
	Transporting/shipment by	sea (IMDG)		
UN num	ıber:	Not subject to transport regulations		
UN prop	er shipping name:	-		
Transpo	rt hazard class(es):	-		
Packing	group:	-		
Environ	mental hazards:	-		
Special	orecautions for user:	-		



Page 15 of 17

Trade name:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4

-	
t by air (ICAO-TI/IATA-DGR)	
Not subject to transport regulations	
-	
-	
-	
-	
-	

5.1. Safety, health and env	Safety, health and environmental regulations/legislation specific for the substance or mixture		
EU regulations	EU regulations		
Authorisation and/or r	estrictions on use		
Authorisations:	-		
Restrictions:	-		
Other EU regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC; Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC; Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work; Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006; REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);		



Page 16 of 17

Trade name:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION			
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version: 4

	National legislation:	Chemicals Act, Regulation on classification, packaging and labeling of dangerous substances, Ordinance on occupational exposure limit values and on biological limit values, Regulation on categories, types and classification of waste with a waste catalog and list of hazardous waste, Ordinance on writing Material safety data sheet, Transport of Hazardous Substances Act	
15.2.	Chemical safety assessment		
	-		

SECTIO	ON 16. (Other information			
16.1.	Indic	ation of changes:	-		
16.2.	16.2. Abbreviations and acronyms:		ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative		
16.3.	Key literature references and source of data:		Manufacturer's MSDS file.		
16.4.	Classification and procedu 1272/2008 (CLP)		re used to derive the classification for mixture according to Regulation (EC)		
Classifi	cation		Classification procedure		
-			-		
16.5.	Relev	ant H statements (nu	mber and full text)		
	H:	314 315 319	Causes severe skin burns and eye damage. Causes skin irritation. Causes serious eye irritation.		
16.6.			-		
16.7.	Further information:		"X" in the product code marks different volumes (different packaging of the product) We are not responsible for consequences in case of failure to comply with instructions for use or improper use of the product described in this material safety data sheet.		

ANNEX: Exposure scenario resulting to Chemical safety assessment



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 amended by Regulation (EU) No. 2020/878

Page 17 of 17

Trade name:	PHOSPHOMOLYBDIC ACID, 5% SOLUTION				
Product code:	FMK5-OT-X**	Date of compilation:	14 November 2022	Version:	4

_		