

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

Page 1 of 17

Trade name:		MAYER'S MUCICARMI	NE	MAYER'S MUCICARMINE					
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4				

1.1.	Product identifier				
	Trade name:	MAYER'S MUCI	CARMI	NE	
	Chemical name:	-	-		
	Catalogue number:	MMU-OT-X**			
1.2.	Relevant identified	l uses of the substa	ance or	r mixture ar	d uses advised against
	Uses:		For use w	th Mucicarmine kit.	
	Uses advised against:			Only the i	dentified uses are advised.
	Reason why uses a	advised against:	ict is intended for use only as an <i>in vitro</i> diagnostic evice, registered at the Agency for Medicinal and Medical Devices and there is no reason to use r purposes.		
1.3.	Details of the supp	olier of the safety d	ata sh	eet	
	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb		
	Telephone numbe	r:	+385 1 2409997		
	Telefax:		+385 1 2404039		
	E-mail of compete	nt person:	msds	ds@biognost.hr	
	National contact:		-		
1.4.	Emergency telephone numbers				
	National Protectio	n and Rescue Direc	ctorate	:	112
	Medical information	on:			+385 1 2348 342
	Other information:				_

SECTI	SECTION 2. Hazards identification					
2.1.	Classification of the substance	Classification of the substance or mixture				
2.1.1.	Classification according to Re	gulation (EC) No	o. 1272/2008 (CLP)			
	Hazard class and categ	Hazard class and category code: Hazard statement*:				
	Flam. Liq. 3 H226					
2.1.2. Additional information						
	-					
*For fu	ıll text of Hazard- and EU Hazard	l-statements: se	e Section 16.			
2.2.	Label elements	Label elements				
	Product identification:	MAYER'S MU	CICARMINE			
	Identification number:	-				



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

Page 2 of 17

Trade name:		MAYER'S MUCICARMINE					
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4		

	Authorisation number:	-			
	Hazard pictograms:	GHS02			
	Signal word:	Danger			
	Warning statement:	H226 Flammable liquid and vapor.			
	Precautionary statement:	 P210 Keep away from heat/sparks/open flames/hot surfaces Do not smoke. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/face protection. 			
	Supplemental hazard information (EU):	-			
2.3.	Other hazards				
	Endocrine Disrupting Properties:				
	No known endocrine disrupti	ng properties			
	Results of PBT and vPvB ass PBT or a vPvB.	sessment: According to the results of its assessment, this substance is not a			

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)				
64-17-5/ 200-578-6/ 603-002-00-5	01-2119457610-43- 0147	40 - 60 %	ethanol	Flam. Liq. 2; H225				

SECT	SECTION 4. First aid measures			
4.1.	Description of first aid measures			
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.		
	Following inhalation:	Carry the afflicted person out of the contaminated area into a well-ventilated area or out for fresh air. In case of difficult breathing, provide the afflicted person with oxygen.		
	Following skin contact:	Remove all contaminated clothes/footwear. Thoroughly wash with water for at least 15 minutes.		



SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

amended by Regulation (EU) No. 2020/878

Page 3 of 17

Trade name:		MAYER'S MUCICARMINE					
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4		

	Following eye contact:	Rinse the eyes using mild jet of clean water for at least 20 minutes with the eyelids held wide open.		
	Following swallowing:	Rinse the mouth thoroughly with 1-2 glasses of water. Immediately consult a physician and show the container or label. In case of swallowing large quantities, transport the afflicted person to the hospital.		
	Self-protection of the first aider	-		
4.2.	Most important symptoms and effects, both acute and delayed			
	Following inhalation:	Depending on concentration and exposure time, it may lead to mucosa irritation, cough, and dyspnea.		
	Following skin contact:	Depending on concentration and exposure time, it may lead to irritation, rash, skin drying and skin cracking.		
	Following eye contact:	Depending on concentration and exposure time, it may lead to irritation, tearing, redness and pain.		
	Following swallowing:	Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea, vomiting.		
4.3.	Indication of any immediate med	ical attention and special treatment needed		
	No information available			

SECT	ECTION 5. Firefighting measures					
5.1.	Extinguishing media					
	Suitable extinguishing media:	Small fire - water spray, dry powder, alcohol-resistant foam, CO2 Large fire - water spray or alcohol-resistant foam				
	Unsuitable extinguishing media:	Water with full jet				
5.2.	Special hazards arising from the substance or mixture					
	Hazardous byproducts of fire: Incomplete combustion of the product.					
5.3.	Advice for firefighters					
	Stay in danger area only with self-contained open-circuit compressed air breathing apparatus and a set for protecting the body from heat dissipation (fireproof clothing).					
5.4.	Additional information					
	Cool endangered receptacles we not contaminate the environm	vith water spray. Collect contaminated fire fighting water separately. Do ent with extinguishing media.				

SECTIO	SECTION 6. Accidental release measures			
6.1.	Personal precautions, protective equipment and emergency procedures			
6.1.1.	For non-emergency personnel	For non-emergency personnel		
	Protective equipment: Use personal protective equipment (see Section 8).			



Page 4 of 17

Trade name:		MAYER'S MUCICARMINE					
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4		

	Accident prevention methods:	Evacuate members of all non-essential personnel and those members without protective equipment. Avoid breathing vapors and avoid contact with skin and eyes. Do not smoke. Keep away from ignition sources.	
	Emergency procedures:	Mark the area using proper signs.	
6.1.2.	For emergency responders:		
	Self-contained open-circuit con heat dissipation (fireproof cloth	npressed air breathing apparatus, a set for protecting the body from ing).	
6.2.	Environmental precautions:		
	Use sand protective barrier to prevent further spillage of chemicals. Prevent environmental pollution by not allowing the chemicals to enter the sewage system, surface water or groundwater.		
6.3.	Methods and materials for cont	tainment and cleaning up	
6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials	
6.3.2.	Cleaning up:	Sawdust, sand, mineral adsorbents	
6.3.3.	Other information:	Secure proper ventilation. Contact the responsible person; in case of larger spills and possible environmental pollution contact National Protection and Rescue (112). Do not use incompatible materials (see Section 10).	
6.4.	Reference to other sections		
	See Section 7 for information on safe handling.		
	See Section 8 for information o	n personal protection equipment.	
	See Section 13 for disposal info	rmation.	

SECTIO	SECTION 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. Keep away from sources of ignition and heat. Do not use tools that cause sparks. Do not smoke.		
	Measures to prevent aerosol and dust generation:	Secure proper ventilation.		
	Measures to protect the environment:	Prevent spilling into the sewage system and waterways.		
	Other measures:	Protect against electrostatic charges.		
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 inc	compatibilities		



Page 5 of 17

Trade name:		MINE			
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

	Technical measures and storage conditions:	Keep in tightly closed and upright set containers in a well ventilated storage rooms at temperatures ranging from 15 to 25 °C. Protect from heat and direct sunlight.
	Packaging materials:	Manufacturer's original packaging.
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the containers tightly closed.
	Advices for storage equipment:	The storage must be made of hard material; floors must be resistant to chemicals. There must be no drain that directly leads into sewage system. Secure proper ventilation.
	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 10).
7.3.	Specific end use(s)	
	Recommendations:	-
	Industrial sector specific solutions:	-

SECTION 8. Exposure controls/personal protection							
8.1. Control para	meters						
Substance	CAS I	CAS No		Occupational exposure limit values/short term values		Biological limit values	
			pp	m	mg/m³		
Ethanol	64-17	-5	100	00/-	1900/-	No information available	
Substance: -							
EC No:	-		CA	S No:	-		
DNEL							
			Industr	ial			
Route of exposure:	Acute	ute Acut		Chronic		Chronic	
Route of exposure.	effect local	effect sys	stemic	e	ffect local	effect systemic	
Oral	-	-		-		-	
Inhalation	1900 mg/m³ (ethanol)	-		-		380 mg/m³ (ethanol)	
Dermal	1	-		-		343 mg/kg (ethanol)	
Critical physical parameters: solubility, flammability, corrosivity:							
Consumer							
Route of exposure:	Acute	Acut	te		Chronic	Chronic	
Route of exposure:	effect local	effect sys	stemic	е	ffect local	effect systemic	
Oral	-	-		-		87 mg/kg bw/day (ethanol)	



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

Page 6 of 17

Trade n	ame:	MAYER'S MUCICARMINE							
Product	code:	MMU-OT-X**		Date of o	ompilation:	14	Nov 2022	Version:	4
Inhalatio	n	950 mg/m³ (ethanol)	-		-		114 mg/m ²	³ (ethanol)	
Dermal		-	_		-		206 mg/kg	(ethanol)	
PNEC								· · · · · · · · · · · · · · · · · · ·	
Environn	nental pro	tection target		PNEC					
Fresh wa	Fresh water			0.96 mg/l (ethanol)				
Freshwat	ter sedime	ents		3.6 mg/kg	(ethanol)				
Marine v	vater			0.79 mg/l (ethanol)				
Marine s	ediments			2.9 mg/kg	(ethanol)				
Food cha	ain			380-720 m	g/kg (ethanol)				
Microorg	ganisms in	sewage treatment		580 mg/l (e	ethanol)				
Soil (agri	icultural)			0.63 mg/kg	ı (ethanol)				
Air	Air			no informa	tion available				
	£								
8.2.	Exposur	Exposure controls							
8.2.1.	Approp	riate engineering cont	trols						
	measure	ce/mixture related es to prevent exposure dentified uses:	e	Do not eat, drink or smoke in the workspace. Use personal protective equipment.					
	Structur exposur	al measures to prever e:	nt	No information available					
		ational measures to exposure:		Organization of work in order to reduce other worker's influence during work process.			nce		
	Technic exposur	al measures to prever e:	nt	See Section 7.2					
8.2.2.	Persona	l protection equipme	nt						
8.2.2.1.	Eye and	d face protection: of co		fety glasses that stick to face (EN 166) or visor in case of lower levels concentration in air; protective gas mask that covers the entire face case of higher levels of concentration in air.					
8.2.2.2.	Skin pro	tection							
	Hand pr	rotection:		standard EN Glove ma Glove thic	must be accordi 374. terial: nitrile rubb ckness: ≥0.50 mr ough time: >480	ber n	e EU Directiv	ve 2016/425/	ÆEC



Page 7 of 17

Trade name:	MAYER'S MUCICARMINE				
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

	Other skin protection:	footwear, such as ru entire foot. In case impermeable mate	ork use cotton clothing (EN 340) and suitable ubber boots (EN 20345) or shoes that cover the of spilling hazard, use clothing made of rial suitable for protection from liquid chemicals and footwear made from the same material.
8.2.2.3.	Respiratory protection:	Protective full face mask (EN 136) or half mask (EN 140) equipped with a filter for organic vapors, type "A" (boiling point >65°C) acording to EN 14387) used when concentration levels exceed GVI.	
8.2.2.4.	Thermal hazards:	No information ava	ilable
8.2.3.	Environmental exposure cor	ntrols	
	Substance/mixture related r exposure:	measures to prevent	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 preven	ent exposure:	See Section 6

1.	Information on basic physical and	l chemical properties	
		Value	Method
	Physical state:	liquid	no information available
	Colour:	red	no information available
	Odour/odour threshold:	ethanol like/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:	24 °C	no information available
	Auto-ignition temperature:	no information available	no information available
	Decomposition temperature:	no information available	no information available
	pH:	no information available	no information available
	Kinematic viscosity:	no information available	no information available
	Solubility:	no information available	no information available
	Partition coefficient n- octanol/water (log value):	no information available	no information available
	Vapour pressure:	No information available	no information available



Page 8 of 17

Trade name:	MAYER'S MUCICARMINE				
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

	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
9.2.	Other information		
	-		

SECTIO	SECTION 10.: Stability and reactivity		
10.1.	Reactivity:	The product is stable under normal working and storage conditions.	
10.2.	Chemical stability:	The product is chemically stable under standard ambient conditions of storing and using.	
10.3.	Possibility of hazardous reactions:	Risk of explosion after contact with strong acids, alkali metals, alkali metal oxides, nitric acid, oxidizing substances.	
10.4.	Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.	
10.5.	Incompatible materials:	Oxidants, acids, alkali metals.	
10.6.	Hazardous decomposition products:	Non-degradable if used in the described manner.	

SECTIO	CTION 11. Toxicological information		tion			

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

	,					
Route of exposure:	Method	Species	Effective Dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results	
Oral:	-	rat	LD ₅₀	_	7.060 mg/kg (ethanol)	
Dermal:	-	rabbit	LD ₅₀	-	>20.000 mg/kg (ethanol)	
Inhalation:	-	rat	LC ₅₀	4 h (ethanol)	>8.000 mg/l (ethanol)	

Specific target organ toxicity - single exposure (STOT-SE):

	Specific effects	Target organ	Note
Oral:	No information available	No information available	-
Dermal:	No information available	No information available	-
Inhalation:	No information available	No information available	-

Aspiration hazard:	No information available



Page 9 of 17

Trad	e name:		MAYER'S MUCICARMI	NE		
Proc	luct code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

r roduct code.		1011010-01-				ірпацоп.				
Irritation ar	nd co	rrosion								
		Exposur	e time	Species	5	Evalu	uation	Metho	od	Note
Skin corrosion/irritat	tion	No informat available		No information available		No informa available	tion	No informatic available	on	-
Serious eye damage/irritatio	on	No informat available		No information available		nation No information available		No informatio available	on	-
Sensitization										
Skin sensitization		No infor	mation a	available						
Respiratory sensitization:		No infor	mation a	available						
Symptoms re	elated	I to the phy	sical, che	emical and toxi	cologica	al characteris	tics			
Oral exposure:		sensation; In case of	higher l vomiting	evels of conce	ntration uses cou	may cause r	ausea, ab	n the mouth, b dominal pain a ning. Higher lev	nd vom	iting.
Dermal exposui	_		ter short expos cracking and t		•		t likely. Long-te	rm expo	osure	
Inhalation exposure:			_	amounts of vag, headache ar	•		ventilate	ed perimeter ma	ay cause)
Eye exposure:		Direct eye sensation.		may cause slig	ht to m	oderate irrita	ation, lacri	imation and bu	rning	
Panastad da	so to	vicity (cuba	suto sub	ochronic, chron	ic)					
Nepeated do	36 10.	Dose		osure time	Spec	ies Metho	nd	Evaluation	Note	
Subacute oral	No information		No availab	information	No inform on availab	ati No inforn	nation	No information available	-	-
Subacute dermal	intormation		No availab	information lle	No inform on availab	ıntorn ayaila		No information available	on -	
Subacute No information available		No availab	information ble	No inform on availab	intorn		No information available	-		



Page 10 of 17

Trade name:		MAYER'S MUCICARMI	NE		
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

Subchronic oral	No information available	No information available	No informati on available	No information available	No information available	n -
Subchronic dermal	No information available	No information available	No informati on available	No information available	No information available	n -
Subchronic inhalation	No information available	No information available	No informati on available	No information available	No information available	n -
Chronic oral	No information available	No information available	intormation intormation		n -	
Chronic dermal	No information available	No information available	No informati on available	No information available	No information available	n -
Chronic inhalation	No information available	No information available	No informati on available	No information available	No information available	n -
Specific targ	et organ toxicity	/ - repeated exposure (S				
		Specific effect		Target o		Note
Subacute oral		No information availab		No information a	_	
Subacute derm		No information availab		No information a		_
Subacute inhala		No information availab		No information a		_
Subchronic ora		No information availab		No information a		-
Subchronic der		No information availab		No information a		-
Subchronic inha	alation	No information availab		No information a		_
Chronic oral		No information availab		No information a		_
Chronic dermal		No information availab		No information a		_
Chronic inhalat	ion	No information available	ole	No information a	vailable	-
CNAD (C.)	/					
	(carcinogenicity	r, mutagenicity, reproduc	tive toxicit	(y)		
Carcinogenic			NI. 1 C	rmation available		



Page 11 of 17

Trade name:		MAYER'S MUCICARMI	NE		
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

Geno	otoxicity:	No information available				
Muta	genicity <i>in-vivo</i> :	No information available				
Germ	n cell mutagenicity:	No information available				
Repro	oductive toxicity:	No information available				
Sumr	mary of evaluation of the CMR properties:	No information available				
11.2.	Information on other hazards:					
11.2.1.	Endocrine disrupting properties:					
	No known endocrine disrupting properties that affect human health.					
11.2.2.	Other informations:					
	-					

SECTION 12. E	cological i	nformation				
12.1. Toxici	ty					
Acute (short- term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	Fish	No information available	8.140 mg/l (ethanol)	-
Crustacea:	EC ₅₀	48 hours	Daphnia magna	No information available	7.800 mg/l (ethanol)	-
Algae/aquatic plants:	IC ₅₀	72 hours	algae	No information available	5.000 mg/l (ethanol)	-
Other organisms	-	-	-	-	-	-
Chronic (long-term) toxicity	Doza	Exposure time	Species	ies Method Evaluation		Note
Fish	LC ₅₀	96 hours	No information available	No information available	No information available	-
Crustacea:	EC ₅₀	48 hours	No information available	No information available	No information available	-
Algae/aquatic plants	IC ₅₀	72 hours	No information available	No information available	No information available	_



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

Page 12 of 17

Trade name:							MAYER'S MUCICARMINE							
Product	cod	e:	MMU	-OT-X**			Date	e of c	ompilati	on:	14	Nov 2022	Version:	4
			:	*			:		Ţ					:
Other organisn	ns	-		-		-			-		-		-	
12.2.				egradabi	lity									
	Abic		egradatio							1				
		D	egradat	ion half-	lives		Method				aluatic		Note	
Marine water		No ir	nformati	on availa	ble		lo infor vailable		on	No info		on -		
Fresh wa	iter	No information available			lo infor vailable		on	No info		on -				
Air		No ir	nformati	on availa	ble		lo infor vailable		on	No info		on -		
Soil		No information available			No information available		No information available							
	•											•		
Biode	grada	ation												
% Degradation Time (days)				Ме	ethod		Eva	aluatio	on	Note				
-		-				-				-		-		
12.3.	В	Bioacc	umulativ	e poten	tial									
	C	Octano	ol-water	partition	coeffi	icient		ow)						
Value		Co	oncentra	ition	p⊦	1	°C		Method	l	Eval	uation	Note	
-	-				-	-	•	-		-		-		
		centra		tor (BCF)						-				
Valu	re			Species				Met	hod		Eva	luation	Note	;
No information available		N	o inform	nation av	ailable	le No info		ormation available		ا ما	No information available		-	
Chron	nic ec	otoxio	rity											
Val	ue		Dose	9	Expos	sure t	ime	S	pecies	Meth	od	Evaluation	n Not	te
Chronic	toxici	ity	LC ₅₀	N	lo infoi	rmati	on	No		No		No	-	



SAFETY DATA SHEET According to Regulation (EC) No. 1907/2006

amended by Regulation (EU) No. 2020/878

Page 13 of 17

Trade n	name:				MA	AYER'S MUC	ICARM	INE		ige 15 of 1	<u>. </u>
Produc	t code:	MMU-	OT-X**]	Date	of compilation	on:	14	Nov 2022	Version:	4
on fish	on fish		avai	able			informa availab		information available	1	
Chronic on crust (Daphni	acea	EC ₅₀	1	nformation able		No information available	No informa availab		No information available	1 -	
12.4.	Mobili	ty in soil									
			d distribut	ion in enviro	nmei	ntal compartm	ents:				
	No inf	ormation ava	ailable								
	Surfac	e tension:			1						
	,	Value		°C	Co	oncentration		thod		Note	
	No i availab	nformation ble	No available	information		information ilable	No inform availa	nation ble	—		
Adso	rption /	desorption									
Transpo	ort	A/D coeffice Henry's cor		log Ko	W	Evaporatio	n rate	1	Method	Note	9
Soil-Wa	ter No	inf ailable	ormation	No inform available	ation	No informa available	tion	No in availa	formation able	-	
Water-A	Air No	inf ailable	ormation	No inform available	ation	No informa available	tion	No in availa	formation able	-	
Soil-Air	No av	inf ailable	ormation	No inform available	ation	No informa available	tion	No in availa	formation able	-	
12.5.	Result	s of PBT and	vPvB asse	ssment							
	Based	on available	data, the p	oroduct doe	s not	contain any P	BT or vP	vB sub	stances.		
12.6.	Endoc	rine disruptir	na propert	ies							
12.0.		•	J .		n end	ocrine disrupt	ors.				
	1					·					
12.7.	Other	adverse effe	cts								
	No ad	verse effects	are expec	ted.							
SECTIO	N 13. D	isposal cons	ideration	s							
13.1.	N 13. Disposal considerations Waste treatment methods										



Page 14 of 17

Trade name:	MAYER'S MUCICARMINE				
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

13.1.1.	Product/Packaging disposal:				
15.1.1.		l person authorized by the Ministry of Environmental and Nature			
	1				
13.1.2.	2. Waste codes/waste designations according to Low:				
	Packaging that contains residu	al hazardous substances or is contaminated with hazardous substances			
	!				
13.1.3.	Waste treatment – relevant info	ormation:			
	No information available				
13.1.4.	Sewage disposal – relevant info				
	Waste must not be disposed o	f into the sewage system.			
13.1.5.	Other disposal recommendation	anc:			
15.1.5.	Other disposal recommendation	's remains into the sewage system. Submit the remains to the collectors			
	•	harge. Do not dispose of the packaging into the sewage system. Submit			
	the packaging to the collectors	s authorized by the ministry in charge.			
13.1.6.	Relevant Community provision	s:			
Disposal must be made accordi		ling to official regulations.			
	N 14. Transport information				
······	nsporting/shipment by road (ADF				
UN num		1170			
	per shipping name: rt hazard class(es):	Ethanol solution			
Packing					
	mental hazards:	No information available			
	precautions for user:	-			
- 	rsporting/shipment by rail (RID)				
UN num		1170			
UN prop	per shipping name:	Ethanol solution			
•	rt hazard class(es):	3			
Packing	group:	III			
Environr	nental hazards:	No information available			
Special precautions for user:		-			



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

Page 15 of 17

Trade name:	MAYER'S MUCICARMINE				
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

Transporting/shipment by inland wat	rerways (ADN)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	III
Environmental hazards:	No information available
Special precautions for user:	-
Transporting/shipment by sea (IMDG	i)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	III
Environmental hazards:	No information available
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (ICAO-	TI/IATA-DGR)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	III
Environmental hazards:	No information available
Special precautions for user:	-
Further - information:	

SECTIO	SECTION 15. Regulatory information				
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture				
	EU regulations				
	Authorisation and/or restrictions on use				
	Authorisations: -				
	Restrictions: -				



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

Page 16 of 17

Trade name:		MAYER'S MUCICARI	MINE		
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

	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);
	Information according guideline)	1999/13/EC about limitation of emissions of volatile organic compounds (VOC-
	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 assess	sment
	None	

SECTION 16. Other information		
16.1.	Indication of changes:	-



Page 17 of 17

Trade name:		MAYER'S MUCICARMI	NE		
Product code:	MMU-OT-X**	Date of compilation:	14 Nov 2022	Version:	4

		ADD A LANG OF CASE AND A LANGE			
		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			
16.2.	Abbreviations and acr	onyms: 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 reference	es and source of data: -			
16.4.	Classification and prod 1272/2008 (CLP)	cedure used to derive the classification for mixture according to Regulation (EC)			
Classific	cation	Classification procedure			
-					
16.5.	Relevant H statements	s (number and full text)			
	H: 225	Highly flammable liquid and vapor.			
	226	Flammable liquid and vapour.			
16.6.	Training advice:	-			
		** "X" in the product code marks different volumes (different packaging of the			
		product)			
16.7.	Further information:	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.			

