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Trading name:	DEHEMATIN				
Product code:	KO-OT-X**	Revision date:	05 Dec 2022	Version:	4

1.1	Product identifier				
	Trading name:	DEHEMATIN	J		
	Chemical name:	-	-		
	Catalogue number:	KO-OT-X**			
1.2	Relevant identified use	es of the subst	ance or n	nixture and uses advised against	
	Uses:		Modifie hematei	d Kardasewitsch solution for depigmentation of acid n.	
	Uses advised against:		Only the	e identified uses are advised.	
	Reason why uses advised against:		The product is intended for use only as an <i>in vitro</i> diagnostic medical device, registered at the Agency for Medicinal Products and Medical Devices and there is no reason to use it for other purposes.		
1.3	Details of the supplier	Details of the supplier of the safety data sheet			
	Supplier:		BioGnost Ltd.		
	Address:		Medjugorska 59, Zagreb		
	Telephone number:		+385 1 2409997		
	Telefax.:		+385 1 2404039		
	e-mail of competent p	erson:	msds@biognost.hr		
	National contact:		-		
1.4	Emergency telephone	number			
	National Protection ar	nd Rescue Dire	ctorate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			-	

SECTIO	SECTION 2. Hazards identification				
2.1	Classification of the substance	or mixture			
2.1.1	Classification according to Reg	ulation (EC) No 12	272/2008 (CLP)		
	Hazard class and catego	ory code:		Hazard statements*:	
	Flam. Liq. 2		H225		
	Skin Irr.2		H315		
	Eye Irr. 2		H319		
2.1.2.	Additional information				
	-				
*For fu	full text of Hazard- and EU Hazard-statements: see SECTION 16				
2.2	Label elements				
	Product identification:	DEHEMATIN			



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	Identification number:	-		
	Authorization number:	-		
	Hazard pictograms:	GHS02 GHS07		
	Signal word:	Danger		
	Hazard statements:	H225 Highly flammable liquid and vapor.H315 Causes skin irritation.H319 Causes serious eye irritation.		
	Precautionary statements:	 P210 Keep away from heat, hot sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. 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			
	The product has no other kno	own specific hazards for human or environment.		
	Results of PBT and vPvB asset PBT or vPvB substances.	Results of PBT and vPvB assessment: Based on available data, the product does not contain any PBT or vPvB substances.		
	Endocrino disrupting proport	y: Based on available data, does not contain endocrine disruptors.		

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	~ 70%	ethanol	Flam. Liq. 2; H225			
1336-21-6/ 215-647-6/ 007-001-01-2	-	4- 5%	ammonia, 25 %	Skin Corr. 1B; H314 Aquatic Acute 1; H400			

SECTION 4. First aid measures



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4.1	Description of first aid measures		
	General notes:	If the suggested first aid measures do not prove sufficient, seek medical attention.	
	Following inhalation:	Take the victim into fresh air, loosen his clothes and place him in a comfortable position. If breathing difficulty occurs, administer artificial respiration. In case of complaints call a physician.	
	Following skin contact:	Remove the contaminated clothes. Wash the skin surface under plenty of running water. Seek medical assistance if the symptoms of irritation remain.	
	Following eye contact:	In case of contact with eyes flush with water holding eyelids apart and moving the eyeballs (for at least 10 minutes). If the symptoms remain, immediately call in ophthalmologist.	
	Following ingestion:	Place the victim in a comfortable position. Rinse the mouth with clean water. If the victim is conscious induce vomiting. Do not give the victim anything orally, and do not induce vomiting if the victim is unconscious or suffers from convulsions.	
	Self-protection of the first aider:	-	
4.2	Most important symptoms and ef	fects, both acute and delayed	
	Following inhalation:	Inhalation of larger quantities may affect the central nervous system.	
	Following skin contact:	Prolonged or repeated dermal contact may cause the defatting and dryness of the skin.	
	Following eye contact:	May irritate the eyes.	
	Following ingestion:	Ingestion of larger quantities may affect the central nervous system.	
4.3	Indication of any immediate medi	cal attention and special treatment needed	
	If larger quantities have entered the body, obtain medical treatment (gastric lavage, activated carbon).		

SECTIO	SECTION 5. Firefighting measures			
5.1	Extinguishing media			
	Suitable extinguishing media:	Extinguishing powder, alcohol-resistant foam, water, carbon-dioxide.		
	Unsuitable extinguishing media:	Water with full jet.		
5.2	Special hazards arising from the substance or mixture			



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	Hazardous combustion products:	Highly flammable liquid and vapour. In case of fire, smoke, and other combustion products (carbon monoxide, carbon dioxide) may be formed, the inhalation of such combustion products can have serious adverse effects on health. Vapours may form an explosive mix with air. Vapours may be ignited by open flames, sparks, electrical equipment, or static charge. Vapours may travel to great distances, ignite in contact with ignition sources and flash back to the primer source (container). Vapours of ethyl alcohol mix greatly with air and may form an explosive mixture. Air containing 3.3 – 19 % ethyl alcohol vapours may explode in contact with ignition sources. Diluting the mixture with large amounts of water results in the loss of its flammability (around 10 % concentration of ethyl alcohol).
5.3	Advice for firefighters	
	Wear full protective clothing and se water spray. Use water spray to diss	If-contained breathing apparatus. Cool the fire affected containers with sipate alcohol vapours.
5.4	Additional information	
	-	

SECTIO	ON 6. Accidental release measures				
6.1	Personal precautions, protective equipment and emergency procedures				
6.1.1.	. For non-emergency personnel				
	Protective equipment:	Use 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:				
	Avoid contact with skin, eyes and clothing and inhaling gases, vapours and aerosols. Ensure adequate ventilation. Vapours may accumulate at floor level in low and confined spaces. Remove all heat, ignition and spark sources, turn off machines. Ignition spark arrestor must not be operated in the danger area. Use spark-proof tools. Be aware of the risk of slipping.				
6.2	Environmental precautions:				
	Dispose of the spillage and the resulting waste according to the applicable environmental regulations. Do not allow the product and the resulting waste to enter sewers/soil/surface or ground water. Notify the respective authorities in accordance with local law in the case of environmental pollution immediately.				
6.3	Methods and material for con-	tainment and cleaning up			
6.3.1.	Bunding, covering of drains; capping procedures:	Sand protective barrier or barriers made of similar materials.			



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6.3.2.	Cleaning up:	sand, vermiculite, earth) then place into a suitable, closed, properly labelled chemical waste container for removal/disposal. During the collection, placement, disposal of the waste, wear appropriate individual protective equipment. Flush the remains with plenty of water. The product loses its flammability, if diluted with significant amount of water (approx. 10% solution). Secure proper ventilation. Do not use incompatible materials (see Section			
6.3.3.	Other information:	10).			
6.4	Reference to other section	ons			
	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.				

SECTIO	ON 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 heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use non-sparkling tools and equipment.	
	Measures to prevent aerosol and dust generatio	n:	Ensure adequate 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. The	oroughly was	sh hands after work and before eating.	
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 incompatibilities				
	Technical measures and storage conditions:	away from unopened	well-ventilated place, protected from sunlight, a sources of heat and ignition, in its original, and hermetically sealed packaging, away lizing agents, food, feed and articles of on.	
	Packaging materials:	Manufactu	ırer's original packaging.	
	Requirements for storage rooms and vessels:	Keep away from food and drink. Keep the contained tightly closed.		
	Advices for storage equipment:	be resistar	e must be made of hard material; floors must nt to chemicals. There must be no drain that eads into sewage system. Secure proper	



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	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. Expo	sure contr	ols/perso	onal protec	tion			
8.1 Control p	parameters						
Substance		CA			Occupational exposure limit values/short term values		Biological limit values
Ethanol				рр	m	mg/m³	J
Ethanol		64	-17-5	100	0/-	1900/-	-
Ammonia, anhydr	ous	766	4-41-7	20/	50	14/36	
Substance name:	_						
EC No:	-	CAS No): -				
DNEL							
				Indu	strial		
Route of exposure:	Acı effect		Acui			Chronic effect local	Chronic effect systemic
Oral	-		-		_		-
Inhalation	1900 mg (ethanol 36 mg/n (ammon) n ³	47.6 mg/r (ammonia		14 mg	g/m³ (ammonia)	380 mg/m³ (ethanol) 47.6 mg/m³ (ammonia)
Dermal	-		6.8 mg/kg bw/day (ammonia		-		343 mg/kg (ethanol) 6.8 mg/kg bw/day (ammonia)
Critical physical p	arameters:	solubility,	flammabili	ty, corro	sivity:	-	
				Cons	umer		
Route of	А	cute	Acu	te		Chronic	Chronic
exposure:	effe	ct local	effect sy	stemic		effect local	effect systemic
Oral	-		-		-		87 mg/kg bw/day (ethanol)
Inhalation	950 m (ethar	-	-		-		114 mg/m³ (ethanol)
Dermal	-		-		-		206 mg/kg (ethanol)



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PNEC					
Environm	nental protection target		PNEC		
Fresh wat	ter		0.96 mg/l (ethanol)		
Freshwate	er sediments		3.6 mg/kg (ethanol)		
Marine w	rater		0.79 mg/l (ethanol)		
Marine se	ediments		2.9 mg/kg (ethanol)		
Food cha			380-720 mg/kg (ethanol)		
Microorganisms in sewage treatment Soil (agricultural)			580 mg/l (ethanol)		
Soil (agricultural)			0.63 mg/kg (ethanol)		
Air			no information available		
8.2	Exposure controls				
8.2.1.	Appropriate engineering contr	ols			
	Substance/mixture related measures to prevent exposure during identified uses:		In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.		
	Structural measures to prevent exposure:		In accordance with Section 7.		
	Organisational measures to pre exposure:	event	Organization of work in order to reduce other worker's influence during work process.		
	Technical measures to prevent exposure:		In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin. Use according to general application methods and with adequate ventilation. Use non-sparkling ventilation system. Provide appropriate personal protective equipment, satisfactors.		
8.2.2.	Personal protection equipment	t			
8.2.2.1.	Eye and face protection:	Use ap	opropriate, chemical-proof protective glasses/face shield (EN 321-1:2022, EN 166).		
8.2.2.2.	Skin protection	L			
	Hand protection:	Use ap	ppropriate, chemical-resistant protective gloves (EN 374).		
	Other skin protection:	Use an	opropriate protective clothing.		



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8.2.2.3.	Respiratory protection:	In case of normal usage and ventilation, it is not necessary. If concentration of ethyl alcohol exceeds occupational exposure limits in the air, use a self-contained breathing apparatus. For short contact and if the oxygen content of the air is greater than 18 %, use a protective gas mask with filter A (EN 14837/A1).
8.2.2.4.	Thermal hazards:	No thermal hazards known.
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

9.1	Information on basic physical and	chemical properties	
		Value	Method
	Physical state:	liquid	No information available
	Colour:	colourless	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:	21 °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
	Density and/or relative density:	No information available	No information available



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	Relative vapour density:	No information available	No information available
	Particle characteristics:	No information available	No information available
9.2	Other information		
	-		

SECTION	ON 10. Stability and reactivity	
10.1	Reactivity:	See Section 10.5.
10.2	Chemical stability:	Stable within normal temperature and general work conditions.
10.3	Possibility of hazardous reactions:	See Section 10.5.
10.4	Conditions to avoid:	Keep away from heat, sparks, open flames, strong heating and ignition sources. No smoking.
10.5	Incompatible materials:	Strong oxidizing agents (inorganic strong acid, nitric acid, perchlorates, peroxy compounds, perchloric acid, permanganates etc.), alkali metals, alkali earth metals.
10.6	Hazardous decomposition products:	Carbon monoxide and carbon dioxide.

	xicological inforr		in Regulation (EC) No 127	······································	
Acute to		3363 43 46111164	(12) 110 127		
Route of exposure:	Method	Species	Dose LD ₅₀ /LC ₅₀ or ATE _{mix}	Exposure tir	me Results
Oral:	-	rat	LD ₅₀	-	7.060 mg/kg (ethanol)
Dermal:	- rabbit		LD ₅₀		>20.000 mg/l (ethanol)
Inhalation:	-	rat	LC ₅₀	4 h	>8.000 mg/l (ethanol) 9.850 mg/m³ air (ammonia)
Specific	target organ toxic	ity – single expo	osure (STOT SE):		
:	Spe	cific effects	Target o	organ	Note
Oral:	No information	n available	No information a	available	-
Dermal:	No informatio	n available	No information a	available	_
Inhalation:	No informatio	n available	No information a	available	-



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Irritation	n and	corrosion							
i i		Exposur	e time	Species	Evaluation	Method		Note	
Skin corrosion/irritation	on:	-	-		-	-	-		
Serious eye damage/irritation	n	-	-		-	-	_		
Sensitiza	ation								
Skin sensitization		No inf	ormation avail	able.					
Respiratory sensi	itizatio	on: No inf	ormation avail	able.					
		i .							
Sympto	ms rel	ated to the pl	nysical, chemic	al and toxicolo	gical character	istics			
Oral exposure:		unconscious	ness and alcoh	ol poisoning. Ii	y cause dizz ncase of swallo ged exposure m	wing great qua	antities,		
Dermal exposure) :	After prolon cracking of s		ed or repeated exposure symptoms may include: defatting, dryness and in.					
Inhalation expos	ure:	Inhalation of membranes.	great quantitie	es may cause di	zziness, eupho	ria and mild irr	itation o	of the mucou	
Eye exposure:		May cause ir	ritation and re	dness.					
Repeate	ed dos	e toxicity (sub	acute, subchro	onic, chronic)					
		Dose	Exposure time	Species	Method	Evaluation	n	Note	
Subacute oral		information lable	No information available	No information available	No information available	No inform available	nation	-	
Subacute No information dermal available		No information available	No information available	No information available	No inform available	nation	-		
Subacute No information available		No information available	No information available	No information available	No inform available	nation	-		
Subchronic oral No information available		No information available	No information available	No information available	No inform available	nation	-		
Subchronic dermal		information lable	No information available	No information available	No information available	No inform available	nation	_	



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Product code:	КО	(O-OT-X** Re		evision date:	05 Dec 202	22	Vers	ion:	4
Subchronic inhalation	No i availa	nformation ble	No information available	No information available	No information available	No inform available	nation	-	
Chronic oral	al No information available		No information available	No information available	No information available	No information available		-	
Chronic dermal	No information available		No information available	No information available	No information available	No information		-	
Chronic inhalation			No information available	No information available	No information available	No information available		-	
Specific	target	organ toxicit	y – repeated e	exposure (STOT	RE):	rgan		Note	
Subacute oral No informa		ation available		No information available		_			
Subacute derma	l	No informa	ation available		No information available		-		
Subacute inhalat	ion	No informa	ition available		No information available		_		
Subchronic oral		No informa	ition available		No information available		-		
Subchronic derm	nal	No informa	ition available		No information available		-		
Subchronic inhal	ation	No informa	ition available		No information available		-		
Chronic oral		No informa	ition available		No information	n available	-		
Chronic dermal No information available			ition available		No information available -		-		
Chronic inhalation No information available			!	No information	n available	-			
			y; mutagenicit	ty; reproductive					
Carcino					able data, the cla				
Mutage		ı vitro:			able data, the cla				net.

Carcinogenicity:	Based on available data, the classification criteria are not m
Mutagenicity in vitro:	Based on available data, the classification criteria are not m
Genotoxicity:	Based on available data, the classification criteria are not m
Mutagenicity in vivo:	Based on available data, the classification criteria are not m
Germ cell mutagenicity:	Based on available data, the classification criteria are not m
Reproductive toxicity:	Based on available data, the classification criteria are not m

Summary	of	evaluation	of	the	CMR	Based o	on	available	data,	the	classification	criteria	are	not
properties:						met.								

11.2 Information on other hazards:

11.2.1. Endocrine disrupting properties:



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	Based on available data, does not contain endocrine disruptors.
11.2.2.	Other informations:
	-

12.1 Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	golden orf	No information available	8.140 mg/l /48 h (ethanol)	-
Crustacea:	EC ₅₀	48 hours	daphnia magna	No information available	7.800 mg/l (ethanol)	-
Algae/aquatic plants	IC ₅₀	4 days	algae	No information available	5.000 mg/l / 7d (ethanol)	-
Other organisms	-	-	-	-	-	-
Chronic (long-term) toxicity	Dose	Exposure time	Species	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	_
Other organisms	-	-	-	-	-	-

12.2 Persistence and degradability Abiotic degradation Degradation half-lives Method Evaluation Note No information No information Marine water No information available available available No information No information Fresh water No information available available available



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Air	No	information	available	No inf	ormation ble	No information	n -		
Soil	No	information	available	No infa	ormation ble	No information available	n -		
Rioc	degrada	tion							
% Degrada		Time	(davs)	N	Лethod	Evaluatio	n	Note	
No informati available			nformation	No inf availat	ormation ble	No information available		o information vailable	
-									
		ative potenti							
Octa Value		nter partition	coefficient ((log Kow °C	Method	Evalu	ation .	Note	
Log Pow: ~ 0.32	-	incenti ation	•	-	-	-	ation	The product doe not bioaccumula	
	concent	ration factor							
Value		Spec No ir	nformation	Method No information		Evaluation No information		Note	
BCF: 0.66		available	normation	availab		available	-		
Chro	onic ecc	otoxicity							
Va	lue	Do	150	oosure ime	Species	Method	Evaluat	ion Note	
Chronic toxic	city on f	ish LC ₅₀	No infor avail	mation able	No information available	No information available	No informati available	:	
Chronic toxic crustacea (Do	-	EC ₅₀	No infor avail	mation able	No information available	No information available	No informati available		

12.4 Mobility in soil



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	Known	or pred	dicted distributi	on in environment	tal c	ompartments:			
	No info	ormatio	n available						
	Surface	e tensio	n:						
	Val	ue	°C Concentration			Metho	od		Note
		No Information available available		No information available		No information available		-	
Transp		A/I	desorption D coefficient	log Kow	Ev	raporation rate	Meth	nod	Note
Soil-wa	No information		No information available		o information ailable	No inforn	nation	-	
Water-	air	No availa	information able	No information available		o information ailable	No inforn available	nation	-
Soil-air	vil-air		No information No informa available available		o information ailable	No information available		-	
12.5	Based	on avai	and vPvB assestable data, the properting properti	product does not c	onta	ain any PBT or v	PvB substa	nces.	
	Based	on avai	lable data, does	not contain endo	crine	e disruptors.			
12.7.	Other	adverse	effects						
	Do not	let the	product or its r	esidues reach sew	er sy	ystem, waterway	ys and soil.		
SECTIO	ON 13. D	isposal	consideration	S					
13.1	Wast	e treati	ment methods						
13.1.1.	Prod	uct/Pac	kaging disposa	l:					
		nit for c ection.	disposal to the l	egal person autho	rized	d by the Ministr	y of Enviro	nmental	and Nature



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	Packaging that contains resid	ual hazardous substances or is contaminated with hazardous substances
13.1.3.	Waste treatment – relevant in	formation
15.1.5.	No information available	normation.
	NO Information available	
13.1.4.	Sewage disposal – relevant in	formation:
	Waste must not be disposed	of into the sewage system.
13.1.5.	Other disposal recommendati	
	authorized by the ministry in	ct's remains into the sewage system. Submit the remains to the collectors charge. Do not dispose of the packaging into the sewage system. Submit ors authorized by the ministry in charge. Unused product residues may be
13.1.6.	Relevant Community provisio	ns:
	Disposal must be made accor	ding to official regulations.
SECTIO	N 14 TRANSPORT INFORMATION	ON
	Transporting/shipment by road	(ADR)
UN num	ber:	1170
UN prop	er shipping name:	Ethanol solution
Transpo	rt hazard class(es):	3
Packing	group:	ll
Environr	nentally hazardous:	-
Special p	precautions for user:	-
	Transporting/shipment by rail (I	RID)
UN num	ber:	1170
UN prop	er shipping name:	Ethanol solution
Transpo	rt hazard class(es):	3
Packing	group:	II
Environr	nentally hazardous:	-
Special p	precautions for user:	-
	Inland waterway transport (ADN	J)
UN num	ber:	1170
UN prop	er shipping name:	Ethanol solution
Transpo	rt hazard class(es):	3
Packing	group:	II .



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Environmentally hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (IN	MDG)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	II
Environmentally hazardous:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	-
Transporting/shipment by air (IC	AO-TI/IATA-DGR)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	II
Environmentally hazardous:	-
Special precautions for user:	-
Further information: -	

SECTIO	ON 15. Regulatory information
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture
	EU regulations
	Authorization and/or restrictions of use
	Authorizations: -
	Restrictions: -



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		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
	Other EU regulations:	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;
		COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
		REACH Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII);
	Information according 1999, guideline)	/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 assessment	
	None	

SECTION 16. Other information	
16.1 Indication of changes:	-



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Trading name:	DEHEMATIN				
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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.		ication and procedure 2008 (CLP)	used to derive the classification for mixture according to Regulation (EC)
Classification			Classification procedure
_			-
16.5.	Releva	nt H statements (numb	per and full text)
	H:	225	Highly flammable liquid and vapor.
		314	Causes severe skin burns and eye damage
		315	Causes skin irritation.
		319	Causes serious eye irritation.
		400	Very toxic to aquatic life.
16.6.	Further information:		-
			** "X" in the product code marks different volumes (different packagings of the product)
16.7.			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	
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