

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

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Trade name:	DEHEMATIN				
Product code:	KO-OT-X**	Date of compilation:	27.05.2019.	Version:	3

SECTI	ON 1. Identification of the	substance/m	ixture a	and of the company/undertaking	
1.1.	Product identifier				
	Trade name:	DEHEMATIN			
	Chemical name: -	-			
	Catalogue number:	CO-OT-X**			
1.2.	Relevant identified uses of	of the substan	ce or mi	xture and uses advised against	
	Uses:		Modifi hemat	ed Kardasewitsch solution for depigmentation of acid ein.	
	Uses advised against: Reason why uses advised against:		Only th	ne identified uses are advised.	
			medica	oduct is intended for use only as an <i>in vitro</i> diagnostic all device, registered at the Agency for Medicinal Products edical Devices and there is no reason to use it for other ses.	
1.3.	Details of the supplier of the safety data sheet				
	Supplier:	BioGr	inost Ltd.		
	Address:	Medj	ugorska	59, Zagreb	
	Telephone number:	+385	1 24099	997	
	Telefax:	+385	1 24040	039	
	e-mail of competent pers	son: <u>msds</u>	<u>@biogn</u>	gnost.hr	
	National contact:	-			
1.4.	Emergency telephone nu	mber			
	National Protection and I	Rescue Directo	rate:	112	
	Medical information:			+385 1 2348 342	
	Other information:			_	

SECTIO	ON 2. Hazards identification				
2.1.	Classification of the substance or mixture				
2.1.1.	Classification according to (EC) Regulation No. 1272/2008 (CLP)				
	Hazard class and categor	y code:	Hazard statements*:		
	Flam. Liq. 2		H225		
	Skin Irrit. 2		H315		
	Eye Irrit. 2		H319		
	STOT SE 3		H335		
2.1.2.	Additional information				
	-				
*For fu	II text of Hazard- and EU Hazard-sta	itements: see Sec	tion 16		
2.2.	Label elements				
	Product identification:	DEHEMATIN			



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	Identification number:	-
	Authorisation 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. H335 May cause respiratory irritation.
	Precautionary statement:	P210 Keep away from heat/sparks/open flames/hot surfaces. Do no smoke. P233 Keep container tightly closed. P280 Wear protective gloves/protective clothing/eye/protection/fac 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. P314 Get medical advice/attention if you feel unwell.
	Supplemetal hazard information (EU)	-
3.	Other hazards	

SECTION 3. Cor	SECTION 3. Composition/information on ingredients					
CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification (REGULATION) (EC) No 1272/2008 (CLP)		
64-17-5/ 200-578-6/ 603-002-00-5	-	> 65 %	ethanol	Flam. Liq. 2; H225		
1336-21-6/ 215-647-6/ 007-001-01-2	-	≤ 5%	ammonia, 25 %	Skin Corr. 1B; H314 Aquatic Acute 1; H400		

SECTION 4. First aid measures

Description of first aid measures



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	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.
	Following eye contact:	Rinse the eyes using mild jet of clean water for at least 15 minutes with the eyelids held wide open. If the afflicted person wears contact lenses that are easy to remove, remove the lenses and continue rinsing.
	Following ingestion:	If the afflicted person is vomiting, there may be risk of aspiration. Keep the airways open. Respiratory failure my occur immediately after aspiration of vomited content. 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 eff	fects, both acute and delayed
	Following inhalation:	Depending on concentration and exposure time, irritation of the mucous membrane of the nose/throat may occur (burning sensation, urge to sneeze, and runny nose). Very high concentration may cause difficult breathing, shortness of breath, coughing fits, chest tightness, headache, vertigo, and narcosis.
	Following skin contact:	Depending on concentration and exposure time, it may lead to redness, rough and cracked skin.
		Splatter may cause discomfort, stinging sensation, conjunctival
	Following eye contact:	redness, corneal surface lesions.
	Following eye contact: Following ingestion:	. ,
4.3.	Following ingestion:	redness, corneal surface lesions. Depending on concentration and exposure time, it may lead to stinging and digestive mucus damage, abdominal pain, nausea,

SECTI	SECTION 5. Firefighting measures				
5.1.	Extinguishing media				
	Suitable extinguishing media:	Small fire - water spray, dry powder, alcohol-resistant foam, CO ₂ Large fire - water spray or alcohol-resistant foam			
	Unsuitable extinguishing media:	Water jet			
5.2.	Special hazards arising from the sul	bstance or mixture			
	Hazardous combustion products:	-			
5.3.	Advice for firefighters				



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	Use a self-contained open-circuit compressed air breathing apparatus and fireproof clothing. Cool closed containers exposed to fire with water spray, in order to prevent explosion.
5.4.	Additional information
	Remove sources of heat and ignition. Do not contaminate the environment with extinguishing media.

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. Avoid breathing vapors and avoid contact with skin and eyes. Remove all sources of sparks and ignition. Do not smoke.			
	Emergency procedures:	Mark the area using proper signs.			
6.1.2.	For emergency responders:				
	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 material for contai	nment and cleaning up			
6.3.1.	For creating barriers, covering and sealing:	Sand or clay barriers.			
6.3.2.	Cleaning up:	Where possible, the substance can be absorbed by using inflammable material (sand, diatomaceous earth, vermiculite). Place the waste material in tightly closed impermeable containers. Store the substance in well ventilated storage rooms until disposal. Submit for disposal to the legal persons authorized by the Ministry of Environmental and Nature Protection. After disposal of the products, wash the area and involved materials with water.			
6.3.3.	Other information:	Do not use incompatible materials (see Section 10).			
6.4.	Reference to other sections				

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 heat and ignition. Carry out measures for preventing static electricity.				



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	Measures to prevent aerosol and dust generation	n:	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. Th	oroughly w	wash hands after work and before eating.		
7.2.	Conditions for safe storage, including any incom	npatibilities	3		
	Technical measures and storage conditions:	a wel	in tightly closed and upright set containers in ll ventilated storage rooms at temperatures ing from 15 to 25 °C.		
	Packaging materials:	Manı	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:	must drain	storage must be made of hard material; floors be resistant to chemicals. There must be no that directly leads into sewage system. Secure er ventilation.		
	Further information on storage conditions:	room othei	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. E	SECTION 8. Exposure controls/personal protection								
8.1. Con	Control parameters								
Substance		CAS No		Occupational exposure limit values/short term values		Biological limit values			
					ppm	mg/m³			
Ethanol			64-17	'- 5	1000/-	1900/-	No information available		
Ammonia, an	Ammonia, anhydrous			1-7)	20/50	14/36	(no ii	nformation available)	
Substance:	-								
EC No:	-		CAS No:	-					
DNEL									
Industrial									
Pouto of ovno	Route of exposure:		Acute		Acute	Chronic		Chronic	
Noute of expo			ect local	effe	ect systemic	effect local		effect systemic	



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						1				
Oral		-	-			-			-	
Inhalation		-	-			-			-	
Dermal		-	-			-			-	
Critical physi	ical para	meters: solubili	ty, flamma	bility, cor	osivity:		_			
				Cor	sumer					
Route of exp	osure:	Acute		Acut			Chroni			Chronic
- Troute of exp	,05410.	effect loca	al	effect sys	temic		effect lo	cal	ef	fect systemic
Oral		-	-			-			-	
Inhalation		-	-			-			-	
Dermal		-	-			-			-	
PNEC										
Environment	tal prote	ction target			PNEC					
Fresh water					No info	matior	n available	9		
Freshwater s	edimen	ts		No information available						
Marine wate	r			No information available						
Marine sedir	ments			No information available						
Food chain				No information available						
Microorgani	sms in s	ewage treatmer	nt	No information available						
Soil (agricult	ural)			No information available						
Air				No information available						
8.2.	Exposu	re controls								
8.2.1.	Approp	riate engineerir	ng controls	3						
	Substa	nce/mixture rela	ited	Use the product in well ventilated rooms. Use personal						
		es to prevent ex	xposure	protective equipment. Do not eat, drink or smoke in the					e in the	
	······	identified uses:		workspace.						
	Structu	ral measures to re:	prevent	No information available						
	_	sational measur t exposure:	es to	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.	•	al protection eq	uipment					-		
	Safety glasses that stick to face (EN 166) or visor in case of lower									
8.2.2.1.	Eye and	Safety glasses that stick to face (EN 166) or visor in case of lower levels of concentration in air; protective gas mask that covers the entire face in case of higher levels of concentration in air.								
	Skin protection									



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	Hand protection:	Protective gloves must be according to the Directive EU 2016/425/EEC and standard EN 374. Full contact: Gloves material: Viton Glove thickness: 0.70 mm Time until perforation: >480 min Splashing: Glove material: butyl rubber Glove thickness: 0.70 mm Time until perforation: > 240 min		
	Other skin protection:	Wear full protective suit that protects from chemicals (EN 340) and shoes that cover the entire foot. Choose the protective clothes according to concentration and amount of hazardous substances present at workplace.		
8.2.2.3.	Respiratory protection:	Full face mask (EN 136) or half mask (EN 140) equipped with a recommended "AX" filter (EN 14387) used when concentration levels exceed GVI.		
8.2.2.4.	Thermal hazards:	-		
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		

SECTI	SECTION 9. Physical and chemical properties						
9.1.	Information on basic physical and	d chemical properties					
		Value	Method				
	Physical state:	liquid	No information available				
	Colour:	colourless	No information available				
	Odour:	ethanolic	No information available				
	Odor threshold:	no information available	No information available				
	pH:	no information available	No information available				
	Melting point / freezing point;	no information available	No information available				
	Initial boiling point and boiling range:	no information available	No information available				
	Flash point:	21 °C	No information available				



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2.	Other information		
	Oxidising properties:	no information available	No information available
	Explosive properties:	no information available	No information available
	Viscosity:	no information available	No information available
	Decomposition temperature:	no information available	No information available
	Auto-ignition temperature:	no information available	No information available
	Partition coefficient: n-octanol/water (log Kow):	no information available	No information available
	Solubility(ies):	no information available	No information available
	Bulk density:	no information available	No information available
	Relative density:	no information available	No information available
	Vapour density:	no information available	No information available
	Vapour pressure:	no information available	No information available
	Upper/lower flammability or explosive limits:	no information available	No information available
	Flammability (solid, gas):	no information available	No information available
	Evaporation rate:	no information available	No information available

SECTIO	SECTION 10. Stability and reactivity						
10.1.	Reactivity:	See subsections 10.3 through 10.5.					
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:	May cause hazardous reactions in contact with strong bases.					
10.4.	Conditions to avoid:	Heat, spark, open flame, strong heating, ignition sources.					
10.5.	Incompatible materials:	Strong oxidizing agents, alkali metals.					
10.6.	Hazardous decomposition products:	Non-degradable if used in the described manner.					

SECTION	SECTION 11. Toxicological information								
11.1.	Information on toxicological effects								
	Acute toxicity:								
Route of exposure:		Method	Species	Effective dose LD ₅₀ /LC ₅₀ or ATE _{mixture}	Exposure time	Results			



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Oral:	No i available	nformation	formation rat (ethar rat (amm			LD ₅₀	4 h (etha	nol)	6.200 mg/kg (ethanol) 350 mg/kg (ammonia, 29% solution)	
Dermal:	No i available	nformation	mation No information available			LD ₅₀	No information available		>20.000 mg/kg (ethanol)	
Inhalation:	No i available	nformation	rmation rat (ethanol) rat (ammonia			LC ₅₀	4 h (etha 1 h (amm	•	> 8.000 mg/L (ethanol) 7,338 ppm (ammonia)	
Cnocifi	s target even	n tovicity	single our	2061180	CTOT CE	١.				
Specini	c target orga	Specific effe		Josure	(3101 35	Target organ			Note	
Oral:	No informa	ation availabl			No info	rmation availab	ıle	_	Note	
Dermal:		ation availab	_		No information available -					
Inhalation:		ation availab				rmation availab		-		
Aspirat	tion hazard:			Мау са	use respi	ratory irritation	ı .			
·			•							
Irritatio	on and corro	sion								
		Exposure ti	me	Sp	oecies	Evaluation	ı Me	ethod	Note	
Skin corrosion/irritati	No ion: ava	info ilable	rmation	tion No information available		No information available	No inforr availa	nation ble	-	
Serious eye damage/irritatio	No on ava	info ilable	rmation	No inforr availa	nation ble	No information available	No inforr availa	nation ble	-	
	1,1									
	ensitization:	May sa	co ckin im	itation						
Dermal:	itization		se skin irr			tion				
Respiratory sens	onizaliOH.	Allergic	persons n	iay uis	Jiay IITILA	uon.				
Sympto	oms related	to the physic	al, chemi	ical and	l toxicolo	gical characteri	stics			
Oral exposure:	Depen	ding on cond	entration	n and e	xposure p	period, it may l	ead to kidr	ney and I	iver disorders.	
Dermal exposur	e: stingin	•	nay occur	, defatt	•	time, redness a cracking, rash,	•	•		

delayed onset of inflammations.



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Inhalation exposure:	•	ending on ientation.		and exp	oosure p	eriod, it may cau	use vertigo, naus	sea,
Eye exposure:	•	ending on ess and p		and exp	oosure p	eriod, it may lea	d to mucosa stir	nging, tearing,
Repeate	ed dose to	oxicity (su	bacute, subchro	onic, ch	ronic)			
<u> </u>	Do		Exposure time Speci		ies Method		Evaluation	Note
Subacute oral	No info availabl		No information available	No inforr availa	mation able	No information available	No information available	-
Subacute dermal	No info availabl		No information available	No inforr availa	mation able	No information available	No information available	-
Subacute inhalation	No information available		No information available	No inforr availa	mation able	No information available	No information available	-
Subchronic oral	No information available		No information available	No information available		No information available	No information available	-
Subchronic dermal	No information available		No information available	No information available		No information available	No information available	-
Subchronic inhalation	No info availabl		No information available	No information available		No information available	No information available	-
Chronic oral	No info availabl		No information available	No inforr availa	mation able	No information available	No information available	-
Chronic dermal	No info availabl		No information available	No inforr availa	mation able	No information available	No information available	-
Chronic inhalation	No info availabl		No information available	No inforr availa	mation able	No information available	No information available	-
Specific	target or		ity – repeated e	exposur	e (STOT I			N1 -
Subacute oral			pecific effects mation availabl	0	No info	Target orgar rmation availab		Note
Subacute dermal			mation availabl					
Subacute inhalati			mation availabl		No information available No information available			



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Subchr	onic oral	No information available	No information available	-			
Subchr	onic dermal	No information available	No information available	-			
Subchr	onic inhalation	No information available	No information available -				
Chroni	c oral	No information available	No information available	-			
Chroni	c dermal	No information available	No information available	-			
Chroni	c inhalation	No information available	No information available	-			
	CMR effects (ca	arcinogenicity; mutagenicity; re	productive toxicity)				
	Carcinogenicity	<i>r</i> :	No information available				
	Mutagenicity <i>ir</i>	n-vitro:	No information available				
	Genotoxicity:		No information available				
	Mutagenicity <i>ir</i>	n-vivo:	No information available				
	Germ cell muta	genicity:	No information available				
	Reproductive to	oxicity:	No information available				
	Summary of properties:	evaluation of the CMR	No information available				
11.2.	Practical experi	ences:					
	Remarks releva	nt for classification:	No information available				
	Other remarks:		No information available				
11.3.	Note:						
	-						

SECTION 12. Ecologi	cal informat	ion:				
12.1. Toxicity						
Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish	LC ₅₀	96 hours	-	No information available	8140 mg/l (ethanol)	-
Crustacea:	EC ₅₀	48 hours	Daphnia magna (water flea)	No information available	9268 – 14221 mg/l (ethanol)	-
Algae/aquatic plants	IC ₅₀	72 hours	-	No information available	5000 mg/l (ethanol)	-



Bioconcentration factor (BCF)

Species

Value

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Note

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anisms		-	-	-		-		-	-	
long-te	rm)	Dose	Exposure time	9	Species	Meth	od	Evaluation	No	ote
		LC ₅₀	96 hours	inf	ormation			No information available	-	
a:		EC ₅₀ 48 hou		inf	ormation			No information available	-	
Algae/aquatic plants IC ₅₀ 7		72 hours	inf	ormation			No information available	-		
rganisms		-	-							
Persiste	nce an	d degrada	bility							
Abiotic	degrad	dation								
	De	Degradation half-lives			Method			Evaluati	on	Note
ater/	No in	formation a	available	No	No information available			No information available		
ter	No in	formation a	available	No	No information available			No information available		
	No in	formation a	available	No	No information available			No information available		
	No in	formation a	available	No	No information available			No information available -		
Biodegr	adatio	n								
adation		Time (da	ys)	N	/lethod	E	Evaluation		Note	
	1							etha	nol	

		1						. •		
		ntration	•				Eval			
-	•		- 2	5	-	-		et	nanol	
	a: uatic pl anisms Persiste Abiotic rater ter Biodegi adation Bioaccu Partition	a: uatic plants anisms Persistence an Abiotic degrader No in No in No in No in Section adation Biodegradation 1 Bioaccumulati Partition coeff	LC50 a: EC50 uatic plants IC50 anisms - Persistence and degrada Abiotic degradation Degradation Abiotic degradation No information and No info	LC ₅₀ 96 hours EXPOSURE time LC ₅₀ 96 hours EC ₅₀ 48 hours Unatic plants IC ₅₀ 72 hours anisms Persistence and degradability Abiotic degradation Degradation half-lives Peter No information available Information available No information available No information available No information available No information available Biodegradation adation Time (days) 1 OE Co Bioaccumulative potential Partition coefficient: n-octanol/water Concentration pH	Dose Exposure time Condition Dose Exposure time No information available No information	Dose Exposure time Species	Dose Exposure time Species Method	Dose Exposure time Species Method	Dose Exposure time Species Method Evaluation	Dose Exposure time Species Method Evaluation No

Method

Evaluation



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No information No infor available available		nation No information available				No information available		-			
	Chronic ed	cotoxicit	<u>у</u>	- Fyrn	20110				0 0 0 0 0 0 0		
	Value Dose		Dose		osure me	Species	s M	ethod		Evaluation	Note
Chronic	toxicity on	fish	LC ₅₀	No inform availab	iation i	No informatic available	No infor availa	mation able		information ilable	–
Chronic toxicity on crustacea (Daphnia)		EC ₅₀	No inform availab	ation i	No informatic available	No infor availa	mation able		information ilable	-	
Surface tension: Value °C No No information information											
	No	No on inf)	No	oncentration information ilable	on No	Metho informatio ilable		-	Not	te
Transpo	No information available Adsorption A	n / deso	ormation ailable orption	No ava	informatio	on No ava	informatio	n	- Method	Not	te Note
Transpo Soil-wa	No information available Adsorption A He	n / deso /D coeff enry's co	ormation ailable orption	No ava	information ilable g Kow	on No ava	information ilable ration rate	n N	1ethod formatio		
•	Adsorption Adsorption Acrt He ter No available	n / deso /D coeff enry's co inf able inf	ormation ailable orption ficient	lo No ir availak	information ilable g Kow nformation ole	Evapor No info	informationilable ration rate ormation le	No in availa	1ethod formation	on _	



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12.6.	Other adverse effects					
	No information available					
,						
SECTIO	N 13. Disposal considerat	ions				
13.1.	Waste treatment metho	ds				
13.1.1.	Product/Packaging dispo	osal:				
		ne legal person authorized by the Ministry of Environmental and Nature st be disposed of in compliance with the respective national regulations.				
13.1.2.	Waste codes/waste desi	gnations according to Law:				
15 01 10*: packaging that contains residual hazardous substances or is contaminated with hazardous substances						
13.1.3.	Waste treatment – relev	ant information:				
No information available						
	TVO IIIIOTTIALIOTI AVAIIABIO					
13.1.4. Sewage disposal – relevant information:						
	Waste must not be dispe	osed of into the sewage system.				
	-					
13.1.5.	Other disposal recomme	endations:				
	authorized by the minist	roduct's remains into the sewage system. Submit the remains to the collectors cry in charge. Do not dispose of the packaging into the sewage system. Submit electors authorized by the ministry in charge.				
13.1.6.	Relevant Community pro					
	-					
SECTIO	N 14. Transport informati	on				
	Transporting/shipment by	road (ADR)				
UN nun	nber:	1170				
UN pro	per shipping name:	Ethanol solution				
Transpo	ort hazard class(es):	3				
Packing	group:	п				
Environ	mental hazardous:	-				
Special	precautions for user:	-				
	Transporting/shipment by	rail (RID)				
UN num	nber:	1170				



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UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmental hazardous:	-
Special precautions for user:	-
Inland waterway transport (ADN)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmental hazardous:	-
Special precautions for user:	-
Transporting/shipment by sea (Il	MDG)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmental hazardous:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (IC	CAO-TI/IATA-DGR)
UN number:	1170
UN proper shipping name:	Ethanol solution
Transport hazard class(es):	3
Packing group:	П
Environmental hazardous:	-

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



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	Restrictions:	_		
Other EU regulations:		EC Regulation No. 1906/2007 and EC Regulation No. 1272/2008 of the European Parliament and the European Council; The European Commission Regulation No. 453/2006 of 2010 on changes and amendments to the Regulation (EC) No. 1907/2006 of the European Parliament and Council on registration, evaluation, authorization and restriction of chemical substances (REACH); EC Regulation No. 2037/200 of the European Parliament and Council from 29 June 2000 on substances that damage the ozone layer; EC Regulation No. 689/2008 of the European Parliament and Council from 17 June 2008 concerning the export and import of dangerous chemicals; EC Regulation No. 850/2004 of the European Parliament and Council from 29 April 2004 about persistent organic pollutants; Directive 2008/98/EC of the European Parliament and Council of 19 November 2008 on waste and repealing certain Directives		
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)			
	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 assessmen	t		
	None			

SECTIO	SECTION 16. Other information				
16.1.	Indication of changes:		-		
			PBT	Stable, bioaccumulative and toxic	
			vPvB	Strongly stable and strongly bioaccumulative.	
16.2.	Abbreviations and acronyms:		LD ₅₀	Lethal dose, 50%	
			LC ₅₀	Lethal concentration, 50%	
			TCOJ	Specific target organ toxicity - single exposure	
16.3.	Key literature references and source of data:		-		
16.4.	16.4. Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)			classification for mixture according to Regulation (EC)	
Classification Classification		Class	ssification procedure		
<u>-</u>					
16.5.	16.5. Relevant H statements (number and full text)				



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Trade name:		DE	HEMATIN			
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	H225 H314 H: H315 H319 H335 H400	Highly flammable liquid and vapor. Causes severe skin burns and eye damage Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Very toxic to aquatic life.
16.6.	Training advice:	-
		** "X" in the product code marks different volumes (different packagings 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.

ANNEX:

EXPOSURE SCENARIO RESULTING TO CHEMICAL SAFETY ASSESSMENT