

DYNAMAX COOL G11 -37

Safety data sheet

(Regulation 1907/2006/EC, amended by 2015/830/EU)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

Material Name:	DYNAMAX COOL G11 -37		
CAS:		EINECS:	
		ELINCS:	
1.2. Identified uses		ELINCS:	

Uses:	antifreeze in the cooling systems					
1.3. Details of the supplier of	3. Details of the supplier of the safety data sheet					
Manufacturer/Supplier:	EURO-VAT spol. s r.o.					
IČO:	18049397					
Address:	Alekšince 231					
	951 22					
	Alekšince (Slovakia)					
Phone/fax number:	+421 37 7822 326-7					
E-mail:	eurovat@eurovat.sk www.eurovat.sk					
Emergency phone number:	Národné toxikologické informačné centrum (NTIC) Klinika pracovného lekárstva a toxikológie, FNsP akad. L.Dérera Limbova 5 833 05 Bratislava Tel. +421 2 5477 4166 <u>ntic@ntic.sk</u> www.ntic.sk					

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the	Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]		
substance or mixture	Acute Tox. 4 (*) H302		
	STOT RE 2 H373		
2.2 Label elements	Hazard pictograms (CLP/GHS) :		
	Signal word: warning		
	H-phrases:		
	H302 Harmful if swallowed		
	H373 May cause damage to organs through prolonged or repeated exposure		
	P-phrases:		
	P102 Keep out of reach of children		
	P260 Do not breathe vapours/spray		
	P264 Wash hands thoroughly after handling		
	P270 Do no eat, drink or smoke when using this product		
	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell		
	Contains: ethylene glycol		



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Precautionary statements			
tion : Do not breathe vapour. Do not eat, drink or smoke when			
using this product. Wash hands thoroughly after			
handling.			
6			
se: Get medical attention if you feel unwell. IF SWALLOWED:			
Call a POISON CENTER or physician if you feel unwell.			
Storage : Store in original container in a well ventilated area			
at temperatures up to 40 °C. Protect the product			
from static electricity.			
Disposal : Not applicable.			
• • • • • • • • • • • • • • • • • • • •			
Supplemental label elements: Not applicable.			
Special packaging requirements			
Containers to be fitted with child-resistant fastenings: Not applicable.			
Tactile warning of danger: Applicable.			
0 0 11			
Substance meets the criteria for PBT according to Regulation (EC) No.			
1907/2006, Annex XIII:			
Not available.			
nce meets the criteria for vPvB according to Regulation (EC) No.			
1907/2006, Annex XIII:			
Not available.			
hazards which do not result in classification: Not available.			
en oor ag os: ple ial tai ile tai ;tai (/20			

SECTION 3: COMPOSITION/INFORMATION ON IGREDIENTS

Product /ingredient name	CAS	EC	Symbols	Conc. %	Registr. no REACH	GHS classific	ation
Ethan-1,2-diol	107-21-1	203-473-3		min. 80	01-2119456816- 28-0000	Acute Tox.4 STOT RE 2	H302 H373
Potassium 2- ethylhexanoate	3164-85-0	221-625-7		max. 1	01-2119980714- 29-xxxx	Repr. 2 Skin Irrit. 2 Eye Dam. 1	H361d H315 H318
Methyl-1H-benztriazol	29385-43-1	249-596-6		min. 0,05	01-2119979081- 35-xxxx	Acute Tox. 4 Aquatic Chronic 2	H302 H411

SECTION 4: FIRST AID MEASURES

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Eye contact:	Immediately flush eyes with plenty of water, occasionally lifting the
	upper and lower eyelids. Check for and remove any contact lenses.
	Continue to rinse for at least 10 minutes. Get medical attention
	following exposure or if feeling unwell.
Inholotion	Remove victim to fresh air and keep at rest in a position comfortable
imalation:	1 1
	for breathing. If not breathing, if breathing is irregular or if
	respiratory arrest occurs, provide artificial respiration or oxygen by
	trained personnel. It may be dangerous to the person providing aid
	to give mouth-to-mouth resuscitation. Get medical attention
	following exposure or if feeling unwell. If unconscious, place in
	recovery position and get medical attention immediately. Maintain
	an open airway. Loosen tight clothing such as a collar, tie, belt or
	waistband.
Skin contact:	Flush contaminated skin with plenty of water. Remove
	contaminated clothing and shoes. Continue to rinse for at least 10
	minutes. Get medical attention following exposure or if feeling
	unwell. Wash clothing before reuse. Clean shoes thoroughly before
	reuse.
Ingestion:	Wash out mouth with water. Remove dentures if any. Remove
	victim to fresh air and keep at rest in a position comfortable for
	Inhalation: Skin contact:

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	breathing. If material has been swallowed and the exposed person is		
	conscious, give small quantities of water to drink. Stop if the		
	exposed person feels sick as vomiting may be dangerous. Do not		
	induce vomiting unless directed to do so by medical personnel. If		
	vomiting occurs, the head should be kept low so that vomit does not		
	enter the lungs. Get medical attention. If necessary, call a poison		
	center or physician. Never give anything by mouth to an		
	unconscious person. If unconscious, place in recovery position and		
	get medical attention immediately. Maintain an open airway. Loosen		
	tight clothing such as a collar, tie, belt or waistband.		
	Protection of first-aiders : No action shall be taken involving any personal risk or		
	without suitable training. It may be dangerous to the person		
	providing aid to give mouth-to-mouth resuscitation.		
4.2 Most important	Potential acute health effects		
symptoms and effects,	Eye contact: No known significant effects or critical hazards.		
both acute and delayed	Inhalation : No known significant effects or critical hazards.		
	Skin contact : No known significant effects or critical hazards.		
	Ingestion : Harmful if swallowed.		
	Over-exposure signs/symptoms		
	Eye contact : No specific data.		
	Inhalation: No specific data.		
	Skin contact: No specific data.		
	Ingestion: No specific data.		
4.3 Indication of any	Notes to physician: Treat symptomatically. Contact poison treatment specialist		
immediate medical	immediately if large quantities have been ingested or		
attention and special	inhaled.		
treatment needed	Specific treatments: No specific treatment.		

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media	In case of fire, use water spray (fog), foam or dry chemical.			
5.2. Unsuitable extinguishing media	None known.			
5.3. Specific hazards	Hazards from the substance or mixture: In a fire or if heated, a pressure			
-	increase will occur and the container may burst.			
	Hazardous thermal decomposition products: Decomposition products may			
	include the following materials: carbon dioxide,			
	carbon monoxide.			
5.4. Protective equipment	Special protective actions for fire-fighters: Promptly isolate the scene by			
for firefighters	removing all persons from the vicinity of the incident if there			
	is a fire. No action shall be taken involving any personal risk			
	or without suitable training.			
	Special protective equipment for fire-fighters: Fire-fighters should wear			
	appropriate protective equipment and self-contained			
	breathing apparatus (SCBA) with a full facepiece operated in			
	positive pressure mode. Clothing for fire-fighters (including			
	helmets, protective boots and gloves) conforming to			
	European standard EN 469 will provide a basic level of			
	protection for chemical incidents.			

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions	For non-emergency personnel: No action shall be taken involving any personal	
-	risk or without suitable training. Evacuate surrounding	
	areas. Keep unnecessary and unprotected personnel from	

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	entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. For emergency responders: If specialised clothing is required to deal with the		
	spillage, take note of any information in Section 8 on suitable		
	and unsuitable materials. See also the information in "For		
	non-emergency personnel".		
6.2. Environmental	Avoid dispersal of spilt material and runoff and contact with soil, waterways,		
precautions	drains and sewers. Inform the relevant authorities if the product has caused		
	environmental pollution (sewers, waterways, soil or air).		
6.3. Clean up methods	Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.		
	Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1for emergency contact information and section 13 for waste disposal.		

SECTION 7: HANDLING AND STORAGE

7.1. Handling	Protective measures : Put on appropriate personal protective equipment (see			
	Section 8). Do not breathe vapour or mist. Do not ingest.			
	Avoid contact with eyes, skin and clothing. Keep in the			
	original container or an approved alternative made from a			
	compatible material, kept tightly closed when not in use.			
	Empty containers retain product residue and can be			
	hazardous. Do not reuse container.			
	Advice on general occupational hygiene: Eating, drinking and smoking should			
	be prohibited in areas where this material is handled,			
	stored and processed. Workers should wash hands and			
	face before eating, drinking and smoking. Remove			
	contaminated clothing and protective equipment before			
	entering eating areas. See also Section 8 for additional			
	information on hygiene measures.			
7.2 . Storage	Store in accordance with local regulations. Store in original container protected			
0	from direct sunlight in a dry, cool and well-ventilated area, away from			
	incompatible materials (see section 10) and food and drink. Keep container tightly			
	closed and sealed until ready for use. Containers that have been opened must be			
	carefully resealed and kept upright to prevent leakage. Do not store in unlabelled			
	containers. Use appropriate containment to avoid environmental contamination.			
	Storage temperature : $0 - 40^{\circ}$ C.			

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control	Occupational exposure limits		
parameters	Product/ingredient Exposure limit values		
-	name		
	ethanediol	EH40/2005 WELs (United Kingdom (UK), 8/2007). Absorbed	
		through skin.	



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	TWA: 10 mg/m³ 8 hour(s). Form: Particulate STEL: 104 mg/m³ 15 minute(s). Form: Vapour STEL: 40 ppm 15 minute(s). Form: Vapour TWA: 52 mg/m³ 8 hour(s). Form: Vapour TWA: 20 ppm 8 hour(s). Form: Vapour Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the							
	Derived effect Product/ ingredient	Туре	Exposure	Value	Population	Effects		
	ethanediol	DNEL DNEL DNEL DNEL	Long term Dermal Long term inhalation Long term Dermal Long term inhalation	106 mg/kg bw/day 35 mg/m ³ 53 mg/kg bw/day 7 mg/m ³	Workers Workers Consumers Consumers	Systemic Local Systemic Local		
	Predicted effe	ct concen	trations					
	Product ingredient name	Туре	Compartment Detail	Value	Method Deta	11		
	ethanediol	PNEC PNEC PNEC PNEC	Fresh water Marine Fresh water sediment Sewage Treatment Plan	10 mg/l 1 mg/l 20,9 mg/kg dwt t 20,9 mg/l	Assessment Fa Assessment Fa - Assessment Fa	actors		
8.2 Exposure controls	 mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Individual protection measures Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: safety glasses with side-shields Skin protection 							
	Body protec Other skin p	sta a r tin tion: Pe th by protection sho inv pr	emical-resistant, imper indard should be worn isk assessment indicate me): butyl rubber, nitril rsonal protective equip e task being performed a specialist before han n: Appropriate footwea ould be selected based volved and should be ap roduct. on: Use a properly fitte	at all times when har es this is necessary. > le rubber, PVC, Vito ment for the body sh and the risks involv dling this product. ar and any additional on the task being per pproved by a special	ndling chemical >8 hours (breakt n® nould be selected ed and should b skin protection rformed and the ist before handl	products if hrough d based on be approved measures risks ing this		



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necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: organic vapour filter (Type A)
 Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and	chemical properties
Fysical state	liquid
Colour	blue/green
Odour	odourless
pH	7 - 9
Flash point (ASTM-D92) [°C]	not available
Boiling point (ASTM D1120) [°C]	> 105
Freezing point [°C]	- 37 +/-1
Flammability	not available
Temperature of spontaneous combustion [°C]	not available
Lower limit of explosion	not available
Superior limit of explosion	not available
Oxidising properties	not available
Vapour pressure [hPa]	not available
Relative density [g.cm ⁻³] typ.	1,09 – 1,10
Water solubility [g.l ⁻¹]	very good mixable
Solubility in solvents [g.l ⁻¹]	soluble in alcohols, acetone
9.2 Other information	No additional information.

9.1 Information on basic physical and chemical properties

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	Stabile under recommended conditions of use and storage.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	Keep away from heat, sparks and flame.
10.5 Incompatible materials	Oxidising agents
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on	Acute toxicity	7			
toxicological effects	Product/ ingredient	Result	Species	Dose	Exposure
	name				
	ethanediol	LC50 Inhalation Vapour	Rat	>2.5 mg/l	6 hours
		LD50 Dermal	Mouse	>3500 mg/kg	-
		LD50 Oral	Rat	7712 mg/kg	-
	Conclusion/Sur	nmary : Not available.			
		·			



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Sensitisation		.				
Conclusion/Su	mmary : N	lot available.				
Mutagenicity						
Product/	Test	Exp	periment	Resu	lt	
ingredient						
name		E	·:'	Neer	·:	
ethanediol	-		periment: In vitro pject: Bacteria	Nega	nve	
	_		periment: In vitro	Nega	tive	
			ject: Bacteria			
Conclusion/Su	mmary : N	lot available.				
Carcinogenicit	tv					
Conclusion/Su		lot available.				
Reproductive	o tovicity					
Product/	Maternal	Fertilit	y Developmental	Species	Dose	Exposu
ingredient	toxicity		toxin			±
name	•					
ethanediol	Negative	-	Negative	Rat	Oral:	-
					>1000 mg/kg	
Specific targe Product/ing		<u>oxicity (rep</u> Category	eated exposure) Route of exposure	Target o	raans	
name	culent	Category	Route of exposure	Target 0	gans	
ethanediol		Category 2	Oral	kidneys		
Aspiration h		ale: nontos a	6 N. (ilable.		
Not available.	on the lik	ery routes of	i exposure: Not ava			
Information		·	of exposure: Not ava			
Information <u>Potential acu</u>	te health	effects	-			
Information <u>Potential acu</u> Inhalation :	i <mark>te health</mark> No kr	effects nown signifi	cant effects or critics			
Information <u>Potential acu</u> Inhalation : Ingestion :	i <mark>te health</mark> No kr Harmf	<u>effects</u> nown signifi ful if swallo	cant effects or critica	al hazards.		
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact	ite health No kr Harmf : No kn	<u>effects</u> town signifi ful if swallo town signifi	cant effects or critica wed. cant effects or critica	al hazards. 11 hazards.		
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact :	tte health No kr Harmf : No kn No kn	effects nown signifi ful if swallo nown signifi own signifi	cant effects or critica wed. cant effects or critica cant effects or critica	al hazards. 11 hazards. 11 hazards.		otion
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact : <u>Symptoms re</u>	tte health No kr Harmf : No kn No kn	effects nown signifi ful if swallo nown signific own signific he physical	cant effects or critica wed. cant effects or critica	al hazards. 11 hazards. 11 hazards.	naracteri	stics
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact : <u>Symptoms re</u> Eye contact :	tte health No kr Harmf No kn No kn Elated to t	effects nown signifi ful if swallo nown signific own signific he physical fic data.	cant effects or critica wed. cant effects or critica cant effects or critica	al hazards. 11 hazards. 11 hazards.	aracteri	stics
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact : <u>Symptoms re</u> Eye contact : Inhalation :	tte health No kr Harmf No kn No kn No kn Hated to th No specif No specif	effects nown signifi ful if swallo nown signifi own signifi own signifi ne physical fic data. fic data.	cant effects or critica wed. cant effects or critica cant effects or critica	al hazards. 11 hazards. 11 hazards.	naracteri	stics
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact : <u>Symptoms re</u> Eye contact : Inhalation : Skin contact:	tte health No kr Harmf No kn No kn No specif No specif No specif No specif	effects nown signifi ful if swallo nown signifid own signifid own signifid fic data. fic data. fic data. fic data	cant effects or critica wed. cant effects or critica cant effects or critica	al hazards. 11 hazards. 11 hazards.	naracteri	<u>stics</u>
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact : <u>Symptoms re</u> Eye contact : Inhalation :	tte health No kr Harmf No kn No kn No kn Hated to th No specif No specif	effects nown signifi ful if swallo nown signifid own signifid own signifid fic data. fic data. fic data. fic data	cant effects or critica wed. cant effects or critica cant effects or critica	al hazards. 11 hazards. 11 hazards.	ıaracteri	<u>stics</u>
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact : <u>Symptoms re</u> Eye contact : Inhalation : Skin contact: Ingestion:	tte health No kr Harmf No kn No kn No specif No specif No specif No specif	effects nown signifi ful if swallo iown signifi own signifi fic data. fic data. fic data fic data. fic data. fic data. fic data.	cant effects or critica wed. cant effects or critica cant effects or critica	al hazards. 11 hazards. 11 hazards. 2010gical ch		
Information <u>Potential acu</u> Inhalation : Ingestion : Skin contact Eye contact : <u>Symptoms re</u> Eye contact : Inhalation : Skin contact: Ingestion:	tte health No kr Harmf No kn No kn No specif No specif No specif No specif	effects nown signifi ful if swallo iown signifi own signifi fic data. fic data. fic data fic data. fic data. fic data. fic data.	cant effects or critica wed. cant effects or critica cant effects or critica <u>, chemical and toxic</u>	al hazards. 11 hazards. 11 hazards. 2010gical ch		



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	mediate effects: Not ava layed effects : Not avai			
<u>Long term e</u> Potential im Potential de		ilable.		
Product/ ingredient name	Result	Species	Dose	Exposure
ethanediol	Sub-acute NOAEL Oral	Rat	200 mg/kg	33 days; 7 days per week
	Sub-acute NOAEL Dermal	Dog	2,22 mg/kg	4 weeks; 7 days per week
	Dermal Summary : Not available			4 weeks; 7 days per week
Conclusion/ General : exposure if Carcinogen	Dermal Summary : Not available May cause da swallowed. icity : No known si	amage to or gnificant ef	rgans through	prolonged or repeated
Conclusion/ General : exposure if Carcinogen Mutagenicit	Dermal Summary : Not available May cause da swallowed. icity : No known si sy : No known si	mage to or gnificant ef gnificant e	gans through	prolonged or repeated al hazards. al hazards.
Conclusion/ General : exposure if Carcinogeni Mutagenicit Teratogenic	Dermal Summary : Not available May cause da swallowed. icity : No known si sy : No known si	gnificant ef gnificant ef gnificant e	gans through ffects or critica ffects or critica ffects or critic	prolonged or repeated al hazards. al hazards. al hazards. al hazards.

SECTION 12: ECOLOGICAL INFORMATION

		1				
12.1 Toxicity	Product/ ingredient name	Result			Species	Exposure
	ethanediol	EC50 63	500 to 13000 mg/l		Aquatic plants - Pseudokirchnerella subcapitata	96 hours
l		Acute E	C50 >100 mg/l Fresh	water	Daphnia - Dapnia magna	48 hours
		Acute L	C50 72860 mg/l Fresh	h water	Fish - Pimephales promelas	96 hours
		Chronic	NOEC 8590 mg/l Fre	esh water	Crustaceans - Ceriodaphnia sp.	7 days
		Chronic	NOEC 15380 mg/l F	resh water	Fish - Pimephales promelas	7 days
	Conclusion/S	Summar	y : Not available.			1
12.2 Persistence and degradability	Conclusion/S	Summar	y : Not available.			
0	Product/ing name		Aquatic half-life	Photolysis	s Biodegradability	
	ethanediol		-	-	readily	
12.3 Bioaccumulative potential	Product/ingredient name		LogPow	BCF	Potential	
•	ethanediol		-1,36	-	low	
12.4 Mobility	Soil/water p Mobility : N		coefficient (Koc): ble.	1		
12.5 Results of PBT	PBT : Not	•				



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and vPvB assessment	vPvB :	P: Not available. B: Not available. T: Yes. Not available. vP: Not available. vB: Not available.
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12. 6 Other adverse	No known significant effects or critical hazards.
effects	

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 ProductProductMethods of disposal: The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.Hazardous waste :The classification of the product may meet the criteria for a hazardous waste.		
Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.		
Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.	Product	
Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.	Methods of disposal:	The generation of waste should be avoided or minimised wherever possible.
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surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.		
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.		1 1
comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.		
legislation and any regional local authority requirements.		
		comply with the requirements of environmental protection and waste disposal
Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.		legislation and any regional local authority requirements.
	Hazardous waste :	The classification of the product may meet the criteria for a hazardous waste.
Packaging	Packaging	
Methods of disposal: The generation of waste should be avoided or minimised wherever possible.		The generation of waste should be avoided or minimised wherever possible.
Waste packaging should be recycled. Incineration or landfill should only be	-	Waste packaging should be recycled. Incineration or landfill should only be
Considered when recycling is not feasible.		
Special precautions: This material and its container must be disposed of in a safe way. Care should	Special precautions:	
be taken when handling emptied containers that have not been cleaned or		
rinsed out. Empty containers or liners may retain some product residues.		rinsed out. Empty containers or liners may retain some product residues.
Avoid dispersal of spilt material and runoff and contact with soil, waterways,		Avoid dispersal of spilt material and runoff and contact with soil, waterways,
drains and sewers.		
		drams and sewers.

SECTION 14: TRANSPORT INFORMATION

ADR	Not regulated
UN proper shipping name	Nor regulated
Class	Not regulated
Hazard Identification	Not regulated
Packing group	Nor regulated
Label	Not regulated

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

 Other EU regulations

 Europe inventory :
 All components are listed or exempted.

 Black List Chemicals :
 Not listed

 Priority List Chemicals :
 Not listed

 Integrated pollution prevention and control list (IPPC) - Air:
 Not listed

 Integrated pollution prevention and control list (IPPC) - Water:
 Not listed



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International regulations

Chemical Weapons Convention List Schedule I Chemicals: Not listed

Chemical Weapons Convention List Schedule II Chemicals: Not listed

Chemical Weapons Convention List Schedule III Chemicals: Not listed

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: OTHER INFORMATION

Reason for Revision:

16.1 Text of H-phrases (point 3):

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

H361 Suspected of damaging fertility or the unborn child

H373 May cause damage to organs through prolonged or repeated exposure

H411 Toxic to aquatic life with long lasting effects

16.3 Other information:

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. This does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.