Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010 - Europe

SAFETY DATA SHEET

DISFLAMOLL TP LXS 51092



57124708

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	
Product name	: DISFLAMOLL TP LXS 51092
REACH Substance Name	: Reaction mass of 4-tert-butylphenyl diphenyl phosphate and bis (4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate'
REACH Registration number	: 01-2119519251-50-004
1.2 Relevant identified uses of	the substance or mixture and uses advised against
Suitable uses	: plastics additive , Flame-retarding agent.
1.3 Details of the supplier of the	e safety data sheet
Supplier	: LANXESS Deutschland GmbH Production, Technology, Safety & Environment 51369 Leverkusen, Germany, Telephone: +49 214 30 65109 E-mail: infosds@lanxess.com
1.4 Emergency telephone number	: +49 214 30 99300 (Sicherheitszentrale CHEMPARK Leverkusen)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1 Classification of the subs				
Classification according to	Regulation (EC) No. 1272/2008 [CLP/GHS]			
Classification	: Aquatic Acute 1, H400 Aquatic Chronic 1, H410			
Classification according to	Directive 67/548/EEC [DSD]			
Classification	: N; R50/53			
Environmental hazards	: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.			
2.2 Label elements				
Hazard pictograms				
Signal word	: Warning			
Hazard statements	: 📕 410 - Very toxic to aquatic life with long lasting effects.			
Additional warning	: Not applicable.			
phrases				
Precautionary statements				
Prevention	: Avoid release to the environment.			
Response	: 🔽 ollect spillage.			
Storage	: Not applicable.			
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.			
2.3 Other hazards				

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Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII	:	NO
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	:	NO
Other hazards which do not result in classification	:	None known

SECTION 3: Composition/information on ingredients

Product definition (REACH) : Multi-constituent substance

			<u>Classif</u>	ication	
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
Reaction mass of 4-tert-butylphenyl diphenyl phosphate and bis(4-tert- butylphenyl) phenyl phosphate and triphenyl phosphate'	REACH #: 01-2119519251-50 EC: 700-990-0	>=95	N; R50/53	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	[*]
			See Section 16 for the full text of the R-phrases declared above.	See Section 16 for the full text of the H statements declared above.	

Occupational exposure limits, if available, are listed in Section 8.

Туре

Substance

[A] Constituent

[B] Impurity

[C] Stabilising additive

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

: Move exposed person to fresh air. Keep person warm and at rest. 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-tomouth resuscitation. Get medical attention if adverse health effects persist or are severe. 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.

Ingestion	: Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. 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 adverse health effects persist or are severe. 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.			
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.			
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 if irritation occurs.			
4.2 Most important symptoms and effects, both acute and delayed				

See Section 11 for more detailed information on health effects and symptoms. 4.3 Indication of any immediate medical attention and special treatment needed

See Section 11 for more detailed information on health effects and symptoms.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO ₂ .
Unsuitable extinguishing media	:	None known.
5.2 Special hazards arising fi	ron	n the substance or mixture
Hazards from the substance or mixture	:	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon oxides phosphorus oxides
5.3 Advice for firefighters		
Special precautions for fire-fighters	:	Promptly isolate the scene by 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. This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Put on appropriate personal protective equipment (see Section 8).
6.2 Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
6.3 Methods and material for c	ontainment and cleaning up
Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or 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. Prevent entry into sewers, water courses, basements or confined areas. 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. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. Contaminated absorbent material may pose the same hazard as the spilt product.
6.4 Reference to other sections	 See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe : handling	Put on appropriate personal protective equipment (see Section 8). 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. Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. 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.
7.2 Conditions for safe : storage, including any incompatibilities	Do not store above the following temperature: 40°C (104°F). Store in accordance with local regulations. Store in original container protected 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.

Seveso II Directive - Reporting thresholds (in tonnes)

Danger criteria

Date of issue

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Category		Notification and MAPP threshold	Safety report threshold
E1: Hazardous to the aquatic environment - Acute 1 or Chronic 1		100	200
C9i: Very toxic for the environment		100	200
7.3 Specific end use(s)			
Recommendations	: Not available.		
Industrial sector specific solutions	: Not available.		
Remarks	: Ensure effective venti	lation. Protect from mo	isture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values

: Not available.

Derived effect leve	<u>els</u>					
Ingredient name Reaction mass of 4-tert-butylphenyl diphenyl phosphate and bis (4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate'	Type DNEL	Exposure Long term Oral	Value 5,375 mg/ kg bw/day	Population Consumers		Remarks
phosphate	DNEL	Long term Inhalation	7,58 mg/ m³	Workers	Systemic	; -
	DNEL	Long term Inhalation	1,87 mg/ m³	Consumers	Systemic	; -
	DNEL	Long term Dermal	10,75 mg/ kg bw/day	Workers	Systemic	; -
	DNEL	Long term Dermal	5,375 mg/ kg bw/day	Consumers	Systemic	; -
Conclusion/Summ	nary	: Not available.				
Predicted No Effect	ct Conce	entration (PNEC)				
Ingredient name		Compartment Detail	Value	Method Det	ail	Remarks
Reaction mass of 4 butylphenyl dipheny phosphate and bis(butylphenyl) phenyl phosphate and triph phosphate'	yl 4-tert-	soil	0,252 mg/ kg dwt	Equilibrium Partitioning		-
		Sediment	0,96 mg/ kg dwt	Equilibrium Partitioning		-
		Marine water sediment	0,09 mg/ kg dwt	Equilibrium Partitioning		-
		Marine water Intermittent release Fresh water	0,0798 µg/l 2,02 µg/l 0,798 µg/l	Assessment Assessment Assessment	t Factors	-
Conclusion/Summ	nary	: Not available.	5,100 µg/1			

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 monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
8.2 Exposure controls		
Risk management measures		
Occupational exposure contr		
Technical measures		If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
Personal protection measures		
Respiratory protection	:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is 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: In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations Recommended: (< 1 hour) Nitrile rubber - NBR
Eye 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	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Wear protective clothing.
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.

Environmental exposure controls

 Technical measures
 : 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

General information	
<u>Appearance</u>	
Physical state	: Liquid.
Important health, safety and e	nvironmental information
Flash point	: Øpen cup: 272°C (521.6°F)
Density	: <mark>≸.</mark> 18 kg/L (20℃)
Solubility	: Insoluble in the following materials: cold water
Partition coefficient: n- octanol/water	: 🖡 85
Viscosity	: Dynamic: 70 mPa·s
Decomposition temperature	: Not available.
9.2 Other information	

No additional information.

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 : The product is stable. : Under normal conditions of storage and use, hazardous reactions 10.3 Possibility of will not occur. hazardous reactions 10.4 Conditions to avoid : No hazardous reactions when used as directed. In a fire, decomposition may produce toxic gases/fumes. Keep away from: strong acids , strong alkalis : Hydrolysis 10.5 Incompatible materials : No specific data. : Under normal conditions of storage and use, hazardous 10.6 Hazardous decomposition products should not be produced. decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Potential acute health e	ffects				
Inhalation	: No	known signif	icant effec	ts or critical hazar	ds.
Ingestion	: No	known signif	icant effec	ts or critical hazar	ds.
Skin contact	: No	known signif	icant effec	ts or critical hazar	ds.
Eye contact	: No	known signif	icant effec	ts or critical hazar	ds.
Acute toxicity					
Product/ingredient name	Result	Species	Dose	Exposure	Test

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Product/ingredient nam	ne	Effe	cts		Speci	es Do	se	Exp	osure / Test
Reproductive toxicity									
					Subje Mamı	ect: malian-Ani	mal		
			ange Assay nalian Cells		0				
		Toxic Sister	ology: In vitr Chromatid	0	Lyber	innent. III V	nuU	iveya	
phenyl phosphate and tri phosphate'	pnenyl		0 479 Genet	tic	Evne	riment: In v	vitro	Near	ativo
butylphenyl diphenyl pho and bis(4-tert-butylpheny	(I)	Reve	rse Mutation	n Test	Subje	ect: Bacteri	а		
Reaction mass of 4-tert-		OECI	O 471 Bacte	rial	•	riment: In v			
Product/ingredient nam	ne	Test			Exper	iment		Resu	ult
phenyl phosphate and tri phosphate' <u>Mutagenicity</u>									
Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny			chronic EL Oral	Rat		107,5 bw/da		٨g	90 days
Product/ingredient nam	ne	Resu	lt	Spec	ies	Dose			Exposure
Chronic toxicity									
Potential chronic health	-		TUTIAL		NUL S	enanzing	pat).)
phosphate and bis(4-tert butylphenyl) phenyl phosphate and triphenyl phosphate'	- skin		Human		Note	ensitizing	Ass	-	
Reaction mass of 4-tert- butylphenyl diphenyl	•		Mouse		Sensi	itising		-	Sensitisation: mph Node
Product/ingredient name	Route expos		Species		Resu	lt	Tes	st des	scription
<u>Sensitiser</u>			-						
Eyes	:		rritating						
Skin	:	Non-i	rritating						
phosphate and bis (4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate'	Dusts and mis	sts							
Reaction mass of 4-tert- butylphenyl diphenyl	Inhalati		Rat	400 mg	ı/m³	6 hours	-		
butylphenyl diphenyl phosphate and bis (4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate'	Dermal	-	Rabbit	2000	ing/kg	-	-		
phosphate and bis (4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate' Reaction mass of 4-tert-	1 [750]	_	Rabbit	>2000	ma/ka	_	_		

-

Reaction mass of 4-tertbutylphenyl diphenyl phosphate and bis(4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate'

Mammal - Oral: species 1000 unspecified mg/kg bw/day NOAEL

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Test	Result			Species	Exposure
Reaction mass of 4-tert- butylphenyl diphenyl phosphate and bis (4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate'	EPA	Acute EC water	C50 0,202 mg/l F	resh	Daphnia	48 hours
	EPA	Acute IC	50 3 mg/l Fresh	water	Algae - Selenastrum capricornutum	96 hours
	-	Acute I C	250 0,8 mg/l		Fish	96 hours
	EPA	Chronic	EC50 0,0399 mg ction Fresh wate		Daphnia - Daphnia	21 days
	OECD 215 Fish, Juvenile Growth Te	Reprodu	NOEC 0,194 mg ction	/I	magna Fish - Pimephales promelas	90 days
	OECD 215 Fish, Juvenile Growth Te	5 Chronic Mortality	NOEC 0,093 mg	/I	Fish - Pimephales promelas	90 days
Conclusion/Summary		ot available.				
12.2 Persistence and de						
Product/ingredient nan		uatic half-lif	e <u>Photo</u>	lveie	Riodoc	<u>aradability</u>
				11313	Diouce	<u>naaabiiity</u>
Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate'	/I)		-	-	Readily	,
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr	/I) iphenyl ne Ra de	<u>te of</u> g <u>radation/</u> mination (%)	- <u>Period (days)</u>	Test		,
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate'	/I) iphenyl ne Ra de elin 61 osphate /I)		28 days	OECD (
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Product/ingredient nam Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr	/l) iphenyl ne Ra de eliu 61 osphate /l) iphenyl	gradation/ mination (%)	28 days	OECD 3 Biodegr	Readily 301D Ready	
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Product/ingredient nam Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate'	/I) iphenyl ne Ra de elin 61 osphate /I) iphenyl : No	g <u>radation/</u> <u>mination (%)</u> %	28 days	OECD 3 Biodegr	Readily 301D Ready	
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Product/ingredient nam Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Conclusion/Summary 12.3 Bioaccumulative p	/l) iphenyl ne Ra de elin 61 osphate /l) iphenyl : No otential	g <u>radation/</u> <u>mination (%)</u> %	28 days	OECD 3 Biodegr	Readily 301D Ready	
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Product/ingredient nam Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Conclusion/Summary 12.3 Bioaccumulative potent	/I) iphenyl ne Ra de elin 61 osphate /I) iphenyl : No otential tial	g <u>radation/</u> mination (%) % ot available.	28 days	OECD 3 Biodegr Test	Readily 301D Ready adability - Clos	ed Bottle
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Product/ingredient nam Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Conclusion/Summary 12.3 Bioaccumulative potent Product/ingredient nam	(I) iphenyl iphenyl 61 osphate (I) iphenyl : No otential tial ne	g <u>radation/</u> mination (%) % ot available. LogPow	28 days	OECD 3 Biodegr Test	Readily 301D Ready adability - Clos	ed Bottle
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Product/ingredient nam Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Conclusion/Summary 12.3 Bioaccumulative potent	(I) iphenyl iphenyl 61 osphate (I) iphenyl : No otential tial he butylphenyl bis(4-tert-	g <u>radation/</u> mination (%) % ot available. LogPow	28 days	OECD 3 Biodegr Test	Readily 301D Ready adability - Clos	ed Bottle
butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Product/ingredient nam Reaction mass of 4-tert- butylphenyl diphenyl pho and bis(4-tert-butylpheny phenyl phosphate and tr phosphate' Conclusion/Summary 12.3 Bioaccumulative potent Product/ingredient nam Reaction mass of 4-tert- diphenyl phosphate and butylphenyl) phenyl phos	(I) iphenyl iphenyl 61 osphate (I) iphenyl : No otential tial ne butylphenyl bis(4-tert- sphate and	g <u>radation/</u> mination (%) % ot available. LogPow	28 days	OECD 3 Biodegr Test	Readily 301D Ready adability - Clos	ed Bottle

Bioaccumulative potential		
Product/ingredient name	LogP _{ow} BCF	Potential
12.4 Mobility in soil		
Soil/water partition coefficient (K _{oc})	available.	
Mobility	available.	
12.5 Results of PBT and vPv	ssment	
РВТ		
vPvB		
12.6 Other adverse effects		
Other adverse effects AOX	available. Product does not contain organi Id lead to an AOX value in waste	

SECTION 13: Disposal considerations

13.1 Waste treatment method	s	
<u>Product</u>		
Methods of disposal	:	Examine possibilities for re-utilisation. Product residues and uncleaned empty containers should be packaged, sealed, labelled, and disposed of or recycled according to relevant national and local regulations. Where large quantities are concerned, consult the supplier. When uncleaned empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues. For disposal within the EC, the appropriate code according to the European Waste List (EWL) should be used. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste List (EWL).
Hazardous waste	:	The classification of the product may meet the criteria for a hazardous waste.
<u>Packaging</u>		
Methods of disposal	:	The generation of waste should be avoided or minimised wherever possible. 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 be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	UN3082	UN3082	UN3082	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIPHENYLPHOSPHATE)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIPHENYLPHOSPHATE)	KVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIPHENYLPHOSPHATE)	KVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (TRIPHENYLPHOSPHATE)
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14.3 Transport hazard class(es)/ Marks	9	9		9
14.4 Packing group	111	111	111	III
14.5 Environmental hazards	Yes.	Yes.	Yes	Yes
14.6 Special precautions for user/Additional information	Hazard identification number 90	Hazard identification number 90	<u>Emergency</u> <u>schedules (EmS)</u> F-A, S-F	Passenger aircraft 964: 450 L Cargo aircraft 964: 450 L

14.7 Transport in bulk according to Annex : Not available. **II of MARPOL 73/78 and the IBC Code**

Hazard notes:

Environmentally hazardous substance. Keep separated from foodstuffs.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Other EU regulations

Seveso III Directive

This product is controlled under the Seveso III Directive.

Danger criteria

Category

E1: Hazardous to the aquatic environment - Acute 1 or Chronic 1 C9i: Very toxic for the environment

15.2 Chemical Safety Assessment : Not yet complete.

SECTION 16: Other information

Abbreviations and acronyms	:	ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number vPvB = Very Persistent and Very Bioaccumulative		
Full text of abbreviated H	:	H400	Very toxic to aquatic life.	
statements		H410	Very toxic to aquatic life with long lasting effects.	
Full text of classifications [CLP/GHS]	:	Aquatic Acute 1, H400	ACUTE AQUATIC HAZARD - Category 1	
		Aquatic Chronic 1, H410	LONG-TERM AQUATIC HAZARD - Category 1	
Full text of R-phrases referred to in sections 2 and 3	:	-	to aquatic organisms, may cause long-term he aquatic environment.	
<u>History</u>				
Date of issue	:	2015-04-14		
Date of previous issue	:	2013-11-14		
Version	:	2.04		
Indicates information the	t ha	a abangod from nr	wiewely issued version	

✓ Indicates information that has changed from previously issued version.

Notice to reader

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet and its Annex [if required according to Regulation (EC) 1907/2006 (REACh)] is to describe the products in terms of their safety requirements. The given details do not imply any guarantee concerning the composition, properties or performance.