

According to Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name	:	STAR BRITE STAR-TRON SUPER CONCENTRATE GAS ADDITIVE
Product code	:	145XX

1.2. Relevant identified uses of the substance or mixture and uses advised against

: SU21 Consumer product. Engine maintenance. Application

1.3. Details of the supplier of the safety data sheet

Supplier	:	Star Brite Europe Inc.
		30 rue F. Genin
		69005 Lyon, France
Telephone	:	+33-472-570 133
Fax	:	+33-472-570 493
E-mail	:	jp.kitzinger@starbrite-europe.com
Website	:	www.starbrite-europe.com

1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER (for DOCTORS only): National Poisons Information Service +44-844 892 0111 (24/7)
FR - Telephone : +33-472-570 133 (During office hours only)

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (99/45/EC) CLP classification (1272/2008/EC)	 Harmful. Dangerous for the environment. Aspiration hazard, category 1. Hazardous to the aquatic environment — Chronic category 3.
Human health hazards	: May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.
Physical/chemical hazards	: Not classified as dangerous according to statutory EC-Directives. Combustible.
Environmental hazards	: Harmful to aquatic life with long lasting effects.
Other information	: Keep out of the reach of children. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.2. Label elements

Label elements (99/45/EC): Hazard symbols	Xn: Harmful	
R- and S-phrases	: R52/53 R65 R66 S2	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Keep out of the reach of children.



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If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Label elements (1272/2008/EC): Hazard pictograms :



S62

Signal word : Danger

	. Danger	
H- and P-phrases	: H304 H412 EUH066 P101 P102 P301+P310 P331 P405 P273 P501	May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. If medical advice is needed, have product container or label at hand. Keep out of reach of children. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Store locked up. Avoid release to the environment. Dispose of contents/container to an official chemical waste depot.
Additional labelling (99/45/E	: Contains: Hydr : Where the mixt	ocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics cure is labelled in accordance with Regulation (EC) No 1272/2008 (CLP) the I (also) carry the text: Contains: Kerosine (petroleum) ; Kerosine (petroleum),
Other information	danger and a c	rective 99/45/EC, the packaging of this product shall carry a tactile warning of hild resistant closure. According to regulation (EC) 1272/2008, Annex II, part 3, the is product shall carry a tactile warning of danger and a child resistant closure.
2.3. Other hazards		

Other information

: Does not contain PBT or vPvB substances.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS *

3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Symbols	R-phrases
Kerosine (petroleum), hydrodesulfurized	<u>, , , , ,</u>	64742-81-0	265-184-9	Xn; N	10-38-51/53-65
Kerosine (petroleum) Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	1 - < 5 > 75			,	10-38-51/53-65 65-66

Reference is made to chapter 16 for full text of each relevant R phrase. Occupational exposure limit(s), if relevant, are listed in section 8.

Substance name	REACH nr.	Hazard Class	Pictograms	H-phrases
Kerosine (petroleum),	01-2119462828-25	Flam. Liq. 3; Asp. Tox.	GHS02; GHS07;	H226; H304; H315;
hydrodesulfurized		1; Aquatic Chronic 2;	GHS08; GHS09	H411; H336
		Skin Irrit. 2; STOT SE 3		



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Kerosine (petroleum)		Flam. Liq. 3; Asp. Tox. 1; Skin Irrit. 2; STOT SE 3; Aquatic Chronic	GHS02; GHS07; GHS08; GHS09	
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, < 2% aromatics	01-2119456620-43	2 Asp. Tox. 1	GHS08	H304; EUH066

Reference is made to chapter 16 for full text of each relevant H phrase.

SECTION 4 FIRST-AID MEASURES

4.1. Description of first aid measures

First aid measures Inhalation	: Move victim into fresh air. Consult a doctor if victim feels unwell.
Skin contact	 Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up. Consult a doctor if irritation persists.
Eye contact	: Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
Ingestion	: Do not induce vomiting. Give nothing to drink. Do rinse the mouth. As necessary give 1 or 2 soupspoons of laxative (sodium sulphate). Never give anything by mouth to an unconscious person. Consult a doctor immediately if victim feels unwell.

4.2. Most important symptoms and effects, both acute and delayed

Effects and symptoms	
Inhalation	: May cause headache, dizziness and a feeling of sickness.
Skin contact	: Repeated exposure may cause skin dryness or cracking.
Eye contact	: May cause stinging of eyes and redness.
Ingestion	: May cause a feeling of sickness, vomiting and diarrhoea. May cause lung damage, sore throat and lack of breath.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians : None known.

SECTION 5 FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media	
Suitable	: Carbondioxide (CO2). Foam. Dry chemical. Water fog.
Not suitable	: Water jet.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards	:	Will float on water and can be reignited.
Hazardous thermal	:	Carbon monoxide may be evolved if incomplete combustion occurs.
decomposition products		

5.3. Advice for firefighters

Special protective : Use adequate respiratory equipment in case of insufficient ventilation. equipment for fire-fighters

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures



Personal precautions	: Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.
6.2. Environmental pred	cautions

Environmental precautions	: Avoid release of product into sewers, surface water and/or ground water. Large spills: contain with
	dike. Waste product should not be allowed to contaminate soil or water.
Other information	: Notify authorities if any exposure to the general public or the environment occurs or is likely to
	occur.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an
	authorised waste collection point. Wash away remainder with plenty of water and soap.

6.4. Reference to other sections

Reference to other sections : See also section 8.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling

: Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Keep away from sources of ignition — No smoking. Do not breathe vapour. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage	: Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C). Keep away from oxidizing agents.
Recommended packaging	: Keep only in the original container.
Non recommended	: PE and PP.
packaging	

7.3. Specific end use(s)

Use

: Use only as directed.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

: Occupational exposure limits have not been established for this product. Derived no-effect levels Occupational exposure limits (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m³):

Chemical name	Country	TWA 8 hour	STEL 15 min	Comments
		(mg/m3)	(mg/m3)	
Kerosine (petroleum),		350	-	CEFIC-HSPA
hydrodesulfurized				
Kerosine (petroleum)		575	-	CEFIC-HSPA
Hydrocarbons, C11-14, n-alkanes,		1200	-	CEFIC-HSPA
isoalkanes, cyclics, < 2% aromatics				

8.2. Exposure controls

Engineering measures	: Use only in well-ventilated areas. Comply with standard precautionary measures for working with
	chemicals.
Hygienic measures	: When using do not eat, drink or smoke.

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Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection	: Use of specific protective industrial clothing is not required under normal conditions of use. In case of large scale exposure wear suitable protective clothing, overalls or suit, and similar boots. Suitable material: nitril. Indication of permeation breakthrough time: 6 hours.
Respiratory protection	Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.
Hand protection	: Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: nitril. ± 0,5 mm Indication of permeation breakthrough time: 6 hours.
Eye protection	: Wear appropriate safety glasses when there is danger of possible eye contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Colour Odour Odour threshold pH Solubility in water Partition coefficient (n octanol/water)	 Liquid. Colourless. Characteristic. Not known. Not applicable. Not soluble. Not known. 	Waterfree product.
(n-octanol/water) Flash point	: 69 °C	
Flammability (solid, gas) Auto ignition temperature Boiling point/boiling range Melting point/melting range	 Not applicable. > 220 °C > 100 °C Not known. 	Liquid. See flashpoint.
Explosive properties	: None known.	Does not contain explosives.
Explosion limits (in air)	: Not known.	Lower explosion limit in air (%): 0,5 (Kerosine (petroleum), hydrodesulfurized) Upper explosion limit in air (%): 6 Kerosine (petroleum)
Oxidising properties Decomposition temperature Viscosity (20°C) Viscosity (40°C) Vapour pressure (20°C)	 Not applicable. Not applicable. Not known. < 7 mm2/sec Not known. 	Does not contain oxidizing substances.
Vapour density (20°C) Relative density (20°C)	:>1 : 0,8 g/ml	(air = 1)
Evaporation rate	: <1	(n-butyl acetate = 1)

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity	
Reactivity	: See sub-sections below.
10.2. Chemical stabil	lity
Stability	: Stable under normal conditions.
10.3. Possibility of ha	azardous reactions
Reactivity	: No other hazardous reactions known.



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10.4. Conditions to avoid

: See section 7. Conditions to avoid

10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition : Not known. products

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No toxicological research has been carried out on this product. Inhalation

IIIIaalioII					
Acute toxicity	Calculated LC50: > 5,203 mg/l. Ingredients of unknown toxicity: < 1 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause headache, dizziness and a feeling of sickness.				
Corrosion/irritation	Not classified - based on available data, the classification criteria are not met.				
Sensitisation	: Does not contain respiratory sensitisers. Not classified - based on available data, the classification criteria are not met.				
Carcinogenicity	: Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.				
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.				
Skin contact					
Acute toxicity	: Calculated LD50: > 2096 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.				
Corrosion/irritation	 Slight irritation possible. Repeated exposure may cause skin dryness or cracking. Prolonged contact may dry out and defat the skin. Not classified - based on available data, the classification criteria are not met. 				
Sensitisation	: Does not contain skin sensitisers. Not classified - based on available data, the classification criteria are not met.				
Mutagenicity	Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.				
Eye contact					
Corrosion/irritation	: Slight irritation possible. Not classified - based on available data, the classification criteria are not met.				
Ingestion					
Acute toxicity	: Calculated LD50: > 4680 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met. After ingestion, at vomiting, risk of aspiration in the lungs. May cause lung damage, sore throat and lack of breath. May cause bronchopneumonia.				
Corrosion/irritation	May cause a feeling of sickness, stomachache, vomiting and diarrhoea. Not classified - based on available data, the classification criteria are not met.				
Carcinogenicity	: Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.				
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.				
Toxicological information:					
Chemical name	Property Method Test animal				



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Kerosine (petroleum),	Skin sensitisation -	Not sensitizing	Read across	Guinea pig
hydrodesulfurized	estimate			-
	NOAEL (development)	1000 mg/kg.d	Read across	Rat
	- estimate			
	Eye irritation - estimate	Slightly irritant	Read across	Rabbit
	Skin irritation - estimate	Irritant	Read across	Rabbit
	NOAEL (inhalation) -	> 1000 mg/m3	Read across	Mouse
	estimate			
	NOAEL (oral) -	750 mg/kg bw/d	Read across	Rabbit
	estimate			
	LD50 (dermal) -	> 2000 mg/kg bw	Read across	Rabbit
	estimate			
	LC50 (inhalation) -	> 5000 mg/m3	Read across	Rat
	estimate	J J		
		> 5000 mg/kg bw	Read across	Rat
	Skin sensitisation	Not sensitizing		Guinea pig
Kerosine (petroleum)	NOAEL (development,	1000 mg/kg bw/d	OECD 414	Rat
	oral)			
		> 494 mg/kg bw/d	OECD 421	Rat
		Not genotoxic	OECD 475	Rat
		> 0,5 mg/kg bw/d	OECD 410	Rat
	NOAEL (inhalation)	> 1000 mg/m3	OECD 413	Rat
	NOAEL (oral)	750 mg/kg bw/d		Rat
	Eye irritation	Non-irritant		Rabbit
	LC50 (inhalation)	> 5280 mg/m3	OECD 403	Rat
	LD50 (dermal)	> 2000 mg/kg bw	OECD 402	Rat
	Skin irritation	Irritant	OECD 402	Rabbit
	Mutagenicity	Negative	OECD 404	Salmonella typhimurium
	Genotoxicity - in vitro	Not genotoxic	OECD 476	
	Skin sensitisation	Not sensitizing	OECD 406	Guinea pig
	LD50 (oral)	> 5000 mg/kg bw		Rat
Hydrocarbons, C11-14, n-alkanes,	NOAEL (oral) -	> 5500 mg/kg bw/d	Read across	Rat
isoalkanes, cyclics, < 2% aromatics	estimate	> 5500 mg/kg bw/u	Reau across	Rat
	NOAEL (inhalation) -	> 2200 mg/m3	Read across	Rat
	estimate	2200 mg/m3	Read across	Rai
	LC50 (inhalation)	> 4950 mg/m3	OECD 403	Rat
	LC50 (inhalation) -	> 5000 mg/m3		
	estimate			
	LD50 (oral)	> 5000 mg/kg bw	OECD 401	Rat
	Skin sensitisation	Not sensitizing	OECD 406	
	Eye irritation	Non-irritant	OECD 405	Rabbit
	Skin irritation	Non-irritant	OECD 404	Rabbit
	LD50 (dermal)	> 2000 mg/kg bw	OECD 402	Rat
	NOAEL (fertility) -	Not reprotoxic		
	estimate			
	NOAEL (development)	Not teratogenic		
	- estimate			
	NOEL (carcinogenicity)	Not carcinogenic		
	- estimate	ĺ		
		Non-irritant		
	estimate			
	Mutagenicity - estimate	Not mutagenic	Read across	
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SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

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No ecotoxicological research has been carried out on this product.

Ecotoxicity

h has been carried out on this product. : Calculated LC50 (fish): 14 mg/l. Calculated EC50 (waterflea): 15 mg/l. Contains < 1 % of

components with unknown hazards to the aquatic environment. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.

12.2. Persistence and degradability

Persistence – degradability : May cause long-term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

12.4. Mobility in soil

Mobility

: Adsorbs to soil and has low mobility. Floats on water.

12.5. Results of PBT and vPvB ass

PBT/vPvB assessment : Does not contain PBT or vPvB substances.

12.6. Other adverse effects

Other information : Not applicable.

Ecological information:

Chemical name	Property		Method	Test animal
Kerosine (petroleum),	LC50 (fish) - estimate	> 2 mg/l	OECD 203	Oncorhynchus mykiss
nydrodesulfurized				
	NOEC (fish) - estimate	0,098 mg/l.d		
	Ultimate aerobic	58,6 %	OECD 301 F	
	biodegradation (%)			
	NOEC (waterflea) -	0,48 mg/l.d	OECD 211	Daphnia magna
	chronic			
	IC50 (algea)	> 1 mg/l	OECD 201	Pseudokirchnerella
				subcapitata
	EC50 (waterflea)	1,4 mg/l	OECD 202	Daphnia magna
	NOEC (fish)	1 mg/l.d		
Kerosine (petroleum)	IC50 (algea)	> 1 mg/l		
	LC50 (fish)	> 1 mg/l		
	EC50 (waterflea)	1,4 mg/l	OECD 202	
	NOEC (waterflea) -	0,3 mg/l	OECD 202	Daphnia magna
	acute			
	NOEC (waterflea) -	0,48 mg/l.d	OECD 211	Daphnia magna
	chronic			

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product residues	: Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.
Additional warning	: None.
European waste catalogue	: Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.
Local legislation	: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

SECTION 14 TRANSPORT INFORMATION



14.1. UN number

UN nr. : None.

14.2. UN proper shipping name

Transport name : Not regulated.

14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID (road / railway) Class	: This product is not classified according to ADR/RID.
IMDG (sea) Class Marine pollutant	: This product is not classified according to IMDG. : No
IATA (air) Class	: This product is not classified according to IATA.

14.6. Special precautions for user

Other information : Country specific variations may apply.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Marpol	: Not intended to be carried in bulk according to International Maritime Organisation (IMO)
	instruments. Packaged liquids are not considered bulk.

SECTION 15 REGULATORY INFORMATION

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

: Regulation (EC) No 453/2010 (REACH), Regulation (EC) No 1272/2008 (CLP) and other Community regulations regulations.

15.2. Chemical safety assessment

Chemical safety	:	Not applicable.
assessment		

SECTION 16 OTHER INFORMATION

16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EC) No 453/2010 dated 20 May 2010 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of R-phrases mentioned in section 3:

in toxt of it's prindoco montal	
R10	Flammable.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

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Full text of H-phrases mentioned in section 3:

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet: ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road ATE : Acute Toxicity Estimate CLP : Classification, Labeling & Packaging CMR : Carcinogenic, Mutagenic or toxic for Reproduction EEC : European Economic Community EU : European Union IATA : International Air Transport Association IBC : Intermediate Bulk Container IBC code : Intermediate Bulk Chemical Code IMDG : International Maritime Dangerous Goods Code LD50/LC50 : Lethal Dose/Concentration for 50% of a population MAC : Maximum Allowable Concentration MARPOL : International Convention for the Prevention of Pollution From Ships NO(A)EL : No Observed (Adverse) Effect Level OECD : Organisation for Economic Co-operation and Development PBT : Persistent, Bioaccumulative and Toxic PC : Chemical product category PT : Product type REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STP : Sewage Treatment Plant SU : Sector of Use TWA/STEL : Time-Weighted Average/Short Term Exposure Limit UN : United Nations VOC : Volatile Organic Compounds vPvB : Very Persistent and Very Bioaccumulative Number format : "," used as decimal separator.	H226 H304 H315 H336 H411 EUH066	Flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.
ADR:European Agreement concerning the International Carriage of Dangerous Goods by RoadATE:Acute Toxicity EstimateCLP:Classification, Labeling & PackagingCMR:Carcinogenic, Mutagenic or toxic for ReproductionEEC:European Economic CommunityEU:European UnionIATA:International Air Transport AssociationIBC:International Bulk ContainerIBC code:International Maritime Dangerous Goods CodeLD50/LC50:Lethal Dose/Concentration for 50% of a populationMAC:Maximum Allowable ConcentrationMARPOL:International Convention for the Prevention of Pollution From ShipsNO(A)EL:No Observed (Adverse) Effect LevelOECD:Organisation for Economic Co-operation and DevelopmentPBT:Persistent, Bioaccumulative and ToxicPC:Chemical product categoryPT:Product typeREACH:Regulations concerning the International Carriage of Dangerous Goods by RailSTP:Sewage Treatment PlantSU::Sector of UseTWA/STEL:Time-Weighted Average/Short Term Exposure LimitUN:United NationsVOC:Volatile Organic CompoundsvPvB::Very Persistent and Very Bioaccumulative	List of abbreviations and acro	onyms that could be (but not necessarily are) used in this safety data sheet:
vPvB : Very Persistent and Very Bioaccumulative	ADR : ATE : CLP : CMR : EEC : EU : IATA : IBC : IBC code : IBC code : IMDG : LD50/LC50 : MAC : NO(A)EL : OECD : PBT : PC : PT : REACH : RID : STP : SU : TWA/STEL :	European Agreement concerning the International Carriage of Dangerous Goods by Road Acute Toxicity Estimate Classification, Labeling & Packaging Carcinogenic, Mutagenic or toxic for Reproduction European Economic Community European Union International Air Transport Association International Air Transport Association International Bulk Container International Bulk Chemical Code International Maritime Dangerous Goods Code Lethal Dose/Concentration for 50% of a population Maximum Allowable Concentration International Convention for the Prevention of Pollution From Ships No Observed (Adverse) Effect Level Organisation for Economic Co-operation and Development Persistent, Bioaccumulative and Toxic Chemical product category Product type Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations concerning the International Carriage of Dangerous Goods by Rail Sewage Treatment Plant Sector of Use Time-Weighted Average/Short Term Exposure Limit United Nations
Number format : "," used as decimal separator.	vPvB :	Very Persistent and Very Bioaccumulative
	Number format :	"," used as decimal separator.

<u>History</u>		
Date of first issue	: 27-05-2005	
Date of second issue	: 14-09-2011	
Date of third issue	: 14-11-2013	
Date of fourth issue	: 16-03-2014	
Date of fifth issue	: 23-10-2014	Herewith all previous issues are expired.