

## **SAFETY DATA SHEET**

according to 1907/2006/EC, Article 31

Page 1/8

## **Масло Gazpromneft Premium L 5W-30**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY			
1.1. Product Identifier			
Product name	Масло Gazpromneft Premium L 5W-30		
1.2. Relevant identified uses of	1.2. Relevant identified uses of the substance or mixture and uses advised against		
Description	Engine oil		
1.3. Details of the supplier of	"Gazpromneft – lubricants", Ltd,		
the safety data sheet	125A, Profsoyuznaya str.,		
	Moscow, 117647, Russia.		
	<u>Lubricants@gazprom-neft.ru</u>		
	Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time)		
	Fax +7 495 921-48-63		
Only Representative	REACHLaw Ltd.		
	Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland		
	Tel. +358(0) 9 412 3055		
	Email: sds@reachlaw.fi		
1.4. Emergency telephone	1-760-476-3962 (America)		
number	1-760-476-3961 (Europe, Middle East&Africa)		
	1-760-476-3960 (Asia Pacific):		
	Global Response Access Code: 333497		
2. HAZARDS IDENTIFICAT	ION		
2.1. Classification of the substa	ance or mixture		
Regulation (EC) No	Eye Irrit.2 - Causes serious eye irritation.		
1272/2008 (CLP):			
2.2. Label elements:			
Regulation (EC) No	Pictograms and Signal Words:		
1272/2008 (CLP):			
,			
	Warring		
	Warning 112.10 Courses serious ava irritation		
	H319 Causes serious eye irritation.		
	P280 Wear protective gloves/protective clothing/eye protection/face protection.		
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for		
	several minutes. Remove contact lenses, if present and easy to do.		
	Continue rinsing.		
	P337+P313 If eye irritation persists: Get medical advice/attention.		
	P264 Wash hands thoroughly after handling.		
Ingredient(s) with unknown	None		
3 ()	NONE		
acute toxicity:  2.3 Other hazards			
2.3 Other nazarus	No other hazarda No DDT/vDvD ingradients are present		
	No other hazards. No PBT/vPvP ingredients are present. Avoid uses not listen in section 1, unless technical expert advice.		
	Avoid uses not listen in section 1, unless technical expert advice.		

Revision 0 Revision date 01.07.2015

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable: this product is regulated as a mixture.

3.2 Mixtures (	EC)	No 1	1272/2008
----------------	-----	------	-----------

Chemical Name	Index.No	CAS No	EC No	Reach	Conc.	Classification
				Registration Number	(%w/w)	
Base oil - unspecified - lubricating oils	649-484- 00-0	74869-22-0	278-012-2	01-2119495601- 36-0023	80-90	Product is not classified
Zinc dialkyl dithiophosphate	-	68649-42-3	272-028-3	proprietary	1-1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
Calcium long-chain alkylphenate sulfide	-	Proprietary		0.5-1	Aquatic Chronic 4, H413	
Alkaryl amine	-	Proprietary		0.5-1	Aquatic Chronic 4, H413	
Organomolybdenum amide	-	Proprietary		0.5-1	Aquatic Chronic 2, H411	

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92

### **Further information**

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

### 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

4.1. Description of first and measures		
Inhalation	Remove casualty to fresh air and keep warm and at rest.	
In case of eyes contact:	Causes serious eye irritation. After contact with the eyes, rinse	
	with water with the eyelids open for a sufficient length of time,	
	then consult an ophthalmologist immediately.	
	Protect uninjured eye.	
In case of skin contact:	Immediately take off all contaminated clothing.	
	Wash thoroughly the body (shower or bath). Remove	
	contaminated clothing immediately and dispose off safely.	
	After contact with skin, wash immediately with soap and plenty of	
	water.	
In case of Ingestion:	Do not induce vomiting, get medical attention showing the SDS	
_	and label hazardous.	
4.2. Most important symptoms and effects, both acute and delayed		

Inhalation	No further relevant information available	
Eye contact	Eye irritation. Eye damages	
Skin contact	No further relevant information available.	
Ingestion	No further relevant information available.	

4.3 Indication of any immedia	te medical attention and special treatment needed	
4.5. Indication of any immedia	In case of accident or unwellness, seek medical advice	
	immediately (show directions for use or safety data sheet if	
	possible).	
5. FIRE-FIGHTING MEASURES		
5.1. Extinguishing media	Use extinguishing media appropriate to the surrounding fire	
3.1. Extinguishing incura	conditions (carbon dioxide (CO2); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons:	
	none in particular.	
5.2. Special hazards arising	Do not inhale explosion and combustion gases.	
from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes.	
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.	
6. ACCIDENTAL RELEASE	MEASURES	
6.1. Personal precautions,	Wear personal protection equipment. Ensure adequate ventilation	
protective equipment and	in the working area. Avoid contact with spilled material. Remove	
emergency procedures	persons to safety. See protective measures under point 7 and 8.	
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities.	
6.3. Methods and material	Suitable material for taking up: absorbing material, organic, sand.	
	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable,	
for containment and cleaning up	labeled containers for disposal. Clean spillage area thoroughly with plenty of water.	
6.4. Reference to other	See also section 8 and 13	
sections	See also section o and 15	
7. HANDLING AND STORAG	JE	
7.1. Precautions for safe	Avoid contact with skin and eyes, inhalation of vapors and mists.	
handling	Do not eat or drink while working. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contamined clothing should be changed before entering eating areas. See also section 8 for recommended protective equipment.	
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.	
7.3. Specific end use(s)	No data is available on this product.	
	ı	

	Revision date 01.07.2015
8. EXPOSURE CONTROLS/I	PERSONAL PROTECTION
8.1. Control parameters	
Base oil - unspecified -	WEL 8-hr limit mg/m <sup>3</sup> : 5.4 (aerosol)
lubricating oils	
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye/face protection	Use close fitting safety goggles, don't use eye lens.
Skin protection-Hand	Protection for skin:
protection	Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.  *Protection for hands:*
	Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. Wash hands after handling the product.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.
9. PHYSICAL AND CHEMIC	CAL PROPERTIES
Appearance	Homogenous, viscous liquid
Odour	Characteristic
рН	Not applicable
Pour point	< - 40 °C
Initial boiling point and boiling range	Not applicable
Flash point	> 200 °C (Cleveland Open Cup, ASTMD 92)
<b>Evaporation rate</b>	Not applicable
Upper/lower flammability	181°C / 226°C
Vapour density	Not applicable
Vapour pressure	No data available
Relative density	No data available
Solubility	Soluble in hydrocarbons;
Partition coefficient: n- octanol/water	Insoluble in water Not determined
Auto-ignition temperature	> 348 °C
Decomposition temperature	Not applicable
Decomposition temperature	1 1.00 application

Viscosity (at 100 °C)	Revision date 01.07.2015 10,50-12,50 mm <sup>2</sup> /s (ASTM D 445)	
Explosive properties	Not applicable	
Oxidizing properties	Not determined	
Volatile Organic compounds	Not applicable	
- VOCs		
Other information		
Miscibility	Not applicable	
Conductivity	Not applicable	
10. STABILITY AND REACT	IVITY	
10.1. Reactivity	This product has no significant hazards with respect to reactivity.	
	Stable under normal conditions	
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and	
	used as recommended.	
10.3. Passivity of hazardous	Will not occur. Stable under normal conditions.	
reactions		
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.	
10.5. Incompatible materials	Strong oxidizing agents.	
10.6. Hazardous	Burning produces irritating, toxic and obnoxious fumes.	
decomposition products		
11. TOXICOLOGICAL INFO	RMATION	
11.1. Information on toxicologi	cal effects	
Toxicological information on n	nain components of the mixture:	
<b>Acute Toxicity of base oils</b>	Acute oral/rat LD <sub>50</sub> > 5000 mg/kg	
	Acute dermal/rabbit LD <sub>50</sub> > 2000 mg/kg	
	Acute inhalation/rat $LC_{50} > 5000 \text{ mg/m}^3$	
Acute Toxicity of zinc dialkyl	Acute skin/rat LD <sub>50</sub> > 2000 mg/kg	
dithiophosphate	Acute oral/rat LD <sub>50</sub> = 2230 mg/kg	
<b>Acute Toxicity of the mixture</b>	Based on available data, the classification criteria are not met.	
Skin corrosion/irritation	Not Applicable	
Serious eye damage	Causes serious eye irritation.	
/irritation		
Respiratory or skin	Not Applicable	
sensitization		
Carcinogenicity	The product is not carcinogenic. Evaluation has been made	
	through data of components. Base oils passed the test IP 346	
	(DMSO extractible compounds less than 3%) (Note H, L).	
Germ cell mutagenicity	Not Applicable	
Reproductive toxicity	Not Applicable	
STOT-single exposure	Not Applicable	
STOT-repeated exposure	Not Applicable	
Aspiration hazard	Not considered an aspiration hazard.	
12. ECOLOGICAL INFORMA		
12.1. Toxicity	Adopt good working practices, so that the product is not released	
	into the environment.	

Revision 0 Revision date 01.07.2015

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb.	Ecotox Info (toxicity)
			EL50 a) Aquatic acute toxicity Daphnia Magna> 10000 mg/L 48h
80-90%	Base oil - unspecified -	CAS: 74869-22-0 -	NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h
	lubricating oils	EINECS: 278-012-2	LL50 a) Aquatic acute toxicity Fish > 100 mg/L 96h
			NOELR b) Aquatic chronic toxicity Daphnia Magna= 10 mg/L 21
			days
			NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
			Acute EC50 1.5 mg/L (Algae 72 hours)
0.5-1%	Organomolybdenum	Proprietary	Acute EC50 1.5 mg/L (Daphnia 48 hours)
	amide		Acute LC50 > 10 mg/L (Fish 96 hours)

Conclusion/Summary: Based on available data, the classification criteria are not met.

12.2. Persistence and	Base oil - unspecified - lubricating oils: non-readily biodegradable
degradability	Zinc dialkyl dithiophosphate: non-readily biodegradable
12.3. Bio accumulative	No date is available on this product.
potential	
12.4. Mobility in soil	No date is available on this product.
12.5. Results of PBT and	No PBT ingredients are present.
vPvB assessment	
12.6. Other adverse effects	No Components with environmental hazard properties found.
13. DISPOSAL CONSIDERAT	TIONS
13.1. Waste treatment methods	
Disposal methods	Dispose of in compliance with all local and national regulations.
Di 1 0 1 1	Contact a licensed waste disposal company.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the
ruttiei miormation	European Waste Catalogue (EWC) should be used.
14. TRANSPORT INFORMAT	
Not classified as dangerous in the	e meaning of transport regulations.
14.1. UN number	Not applicable.
14.2. UN proper shipping	ADR-Shipping Name: not applicable.
name	IATA-Technical name: not applicable.
	IMDG-Technical name: not applicable.
14.3. Transport hazard	ADR-Class: not applicable.
class(es)	IATA-Class: not applicable.
	IMDG-Class: not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Toxic ingredients quantity: 0.00
	Very toxic ingredients quantity: 0.00
	Marine pollutant: No
	Environmental Pollutant: No
14.6. Special precautions for	Not applicable.
user	
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

	1
14.7. Transport in bulk	
according to Annex II of	Not applicable.
MARPOL73/78 and the IBC	
Code	
15. REGULATORY INFORM	
15.1. Safety, health and	Dir. 98/24/EC (Risks related to chemical agents at work)
environmental	Dir. 2000/39/EC (Occupational exposure limit values)
regulations/legislation	Dir. 2006/8/EC
specific for the substance or	Regulation (EC) n. 1907/2006 (REACH)
mixture	Regulation (EC) n. 1272/2008 (CLP)
	Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
	Regulation (EU) n. 286/2011 (ATP 2 CLP)
	Regulation (EU) n. 618/2012 (ATP 3 CLP)
	Regulation (EU) n. 487/2013 (ATP 4 CLP)
	Regulation (EU) n. 944/2013 (ATP 5 CLP)
	Regulation (EU) n. 605/2014 (ATP 6 CLP)
	Regulation (EU)2015/830
	Provisions related to directive EU 2012/18 (Seveso III):
	German Water Hazard Class N.A. Product non subject to
	Regulations.
	Restrictions related to the product or the substances contained
	according to Annex XVII Regulation (EC) 1907/2006 (REACH)
	and subsequent modifications: No.
<b>Chemical safety assessment</b>	No data available on this product.
·	110 data available on this product.
16 OTHER INFORMATION	
16. OTHER INFORMATION  Text of Hazard statements in	H315 Causes skin irritation
<b>Text of Hazard statements in</b>	H315 Causes skin irritation. H318 Causes serious eye damage
	H318 Causes serious eye damage.
<b>Text of Hazard statements in</b>	H318 Causes serious eye damage. H319 Causes serious eye irritation.
<b>Text of Hazard statements in</b>	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.
<b>Text of Hazard statements in</b>	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
Text of Hazard statements in Section 3	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life
Text of Hazard statements in Section 3  Legend to abbreviations and	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
Text of Hazard statements in Section 3  Legend to abbreviations and	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society).
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging.
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide.
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC <sub>50</sub> : Half Maximal Effective Concentration.
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC50: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC <sub>50</sub> : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances.
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC <sub>50</sub> : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association.
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life  ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC <sub>50</sub> : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. Air Transport Association" (IATA).
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC <sub>50</sub> : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. Air Transport Association" (IATA). IATA-DGR: Dangerous Goods Regulation by the "International
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC <sub>50</sub> : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. Air Transport Association" (IATA). IATA-DGR: Dangerous Goods Regulation by the "International LD <sub>50</sub> : Lethal Dose to 50 % of a test population.
Text of Hazard statements in Section 3  Legend to abbreviations and acronyms used in the safety	H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC <sub>50</sub> : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. Air Transport Association" (IATA). IATA-DGR: Dangerous Goods Regulation by the "International

Revision 0 Revision date 01.07.2015

Legend to abbreviations and acronyms used in the safety data sheet:

STOT: Specific Target Organ Toxicity.

vPvB: Very Persistent and Very Bioaccumulative.

WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Eye Irrit.2 - Causes serious eye irritation.	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in
D	combination with any other materials or in any other process.
Revision	New version