



**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

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**Масло Газпромнефть Редуктор WS-220**  
**(Maslo Gazpromneft Reductor WS-220)**

Revision 0  
Revision date 03.02.14

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY**

<b>1.1. Identification of the substance or preparation</b>	Масло Газпромнефть Редуктор WS-220 (Maslo Gazpromneft Reductor WS-220)
<b>1.2. Use of the substance/preparation</b>	Industrial gear oil
<b>1.3. Company/undertaking identification</b>	Manufacturer: "Gazpromneft – lubricants", Ltd, 125A, Profsoyuznaya str., Moscow, 117647, Russia. <a href="mailto:Lubricants@gazprom-neft.ru">Lubricants@gazprom-neft.ru</a> Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
<b>Only Representative</b>	KPMG Advisory N.V. Laan van Langerhuize 1 1186 DS Amstelveen The Netherlands Department: KPMG Sustainability Tel: +31 20 65 64 500 Mail: NI-fmreach@kpmg.nl
<b>1.4. Emergency telephone number</b>	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497

**2. HAZARDS IDENTIFICATION**

<b>Main hazards</b>	This product is not classified as dangerous according to current European legislation (EEC/1999/45 and EEC/67/548). No Significant Hazard.
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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Hazardous ingredients</b>						
Chemical Name	Index No.	CAS	EINECS	REACH Registration Number	Conc. (% w/w)	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	70-80	DMSO < 3% (IP 346)
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	20-30	DMSO < 3% (IP 346)
Alkyl phosphate		Proprietary	Not Available	Not Available	0.1 – 0.5	C; R34

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<b>4. FIRST AID MEASURES</b>	
<b>Skin contact</b>	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothes. Seek medical advice if irritation or symptoms persist. Repeated or prolonged exposure may cause dermatitis.
<b>Eye contact</b>	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical advice if irritation or symptoms persist.
<b>Inhalation</b>	May cause irritation to mucous membranes. Move the exposed person to fresh air. If symptoms persist seek medical assistance.
<b>Ingestion</b>	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Rinse mouth with water. Seek medical assistance immediately.
<b>5. FIRE-FIGHTING MEASURES</b>	
<b>Extinguishing media</b>	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO <sub>2</sub> ); dry chemical; foam; sand; water spray). Do not use: water jet.
<b>Fire hazards</b>	Burning produces irritating, toxic and obnoxious fumes.
<b>Protective equipment</b>	Wear suitable respiratory equipment when necessary.
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
<b>7. HANDLING AND STORAGE</b>	
<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b>8.1. Exposure limit values</b>	Under normal conditions the product does not contain any relevant quantities of materials with TLV/WELs that have to be monitored at workplace.
<b>8.1.1. Exposure limit values for components:</b>	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m <sup>3</sup> : 5.4 (aerosol)
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	WEL 8-hr limit mg/m <sup>3</sup> : 5.4 (aerosol)
<b>Engineering measures</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

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<b>Respiratory protection</b>	Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure.
<b>Hand protection</b>	Wear nitrile or PVC gloves tested to a relevant standard; breakthrough time > 240 minutes (consult the glove supplier's chemical resistance chart). Wash hands after handling the product.
<b>Eye protection</b>	No special eye protection is normally required. Where splashing is possible, wear safety glasses.
<b>Skin protection</b>	Wear protective clothing. Long sleeve shirt is recommended. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse.
<b>Environmental exposure controls</b>	Minimize release to the environment; comply with local environmental regulations.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Brown liquid
<b>Odour</b>	Petroleum odor
<b>pH</b>	Not applicable
<b>Boiling range</b>	Not determined
<b>Flash point</b>	> 210 °C (Cleveland Open Cup)
<b>Flammability</b>	Non flammable
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	Not applicable
<b>Vapour pressure</b>	< 0.01 kPa
<b>Relative density</b>	Not determined
<b>Solubility</b>	Soluble in most organic solvents
<b>Water solubility</b>	Insoluble
<b>Partition coefficient: n-octanol/water</b>	Not applicable
<b>Viscosity</b>	198 – 242 mm <sup>2</sup> /s (40 °C)
<b>Freezing point</b>	< -25 °C
<b>Vapour density</b>	Not applicable
<b>Evaporation rate</b>	Not applicable

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions. Will not decompose if stored and used as recommended.
<b>Reactivity</b>	May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc. Hazardous polymerization will not occur
<b>Conditions to avoid</b>	Elevated temperatures.
<b>Materials to avoid</b>	No data is available on this product.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Acute Toxicity</b>	No data available on this product.
<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 <sub>50</sub> > 5000 mg/m <sup>3</sup>
<b>Skin corrosion/irritation</b>	The product has not been tested. Evaluation has been made through data of components.
<b>Serious eye damage /irritation</b>	The product has not been tested. Evaluation has been made through data of components.
<b>Respiratory or skin sensitisation</b>	The product has not been tested. Evaluation has been made through data of components.
<b>Carcinogenicity</b>	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).
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	This material is not expected to be harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.
<b>Mobility in soil</b>	No data is available on this product.
<b>Persistence and degradability</b>	This material is not easily biodegradable. The product has not been tested.
<b>Bioaccumulative potential</b>	No data is available on this product.
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>General information</b>	Dispose of in compliance with all local and national regulations. Contact a licensed waste disposal company.
<b>Disposal methods</b>	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
<b>14. TRANSPORT INFORMATION</b>	
<b>ADR/RID</b>	The product is not classified as dangerous for carriage.
<b>IMDG</b>	The product is not classified as dangerous for carriage.
<b>IATA</b>	The product is not classified as dangerous for carriage.
<b>15. REGULATORY INFORMATION</b>	
<b>Labelling</b>	Under the criteria of the directive EEC/67/548 (dangerous substances) and EEC/1999/45 (dangerous preparations): not classified.
<b>Risk phrases</b>	No Significant Hazard.
<b>16. OTHER INFORMATION</b>	
<b>Text of risk phrases in Section 3</b>	R34 – Causes burns.
<b>General information</b>	Base oils passed the test IP 346 (DMSO extractible compounds less than 3%).

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<b>Further information</b>	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 combination with any other materials or in any other process.
<b>Revision</b>	New version