

SAFETY DATA SHEET

Gazpromneft AdBlue

Revision
1

Revision date
1.07.2020

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

1.1. Product Identifier

Trade name	Gazpromneft AdBlue
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Exhaust emission catalyst agents.
Uses advised against	It should not be used for any purposes other than recommended.

1.3. Details of the supplier of the safety data sheet

Manufacturer	"Gazpromneft - lubricants" LTD, 125A, Profsoyuznaya str., Moscow, 117647, Russia. Email: Lubricants@gazprom-neft.ru Tel.: +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax: +7 495 921-48-63
Supplier	"Deny Trade" LTD, Office: Stara Zagora 6000, 92 Hristo Botev Str., 4th floor Warehouse: Zagora 6000, Kolyo Ganchev district, Agricultural aviation Tel./Fax: 042 606 899 service@maslagaz.com

1.4. Emergency telephone

National emergency telephone	112
National Toxicological Information Center, MHAT and Emergency Medicine "N. I. Pirogov"	Emergency telephone / fax: +359 2 9154 409 Email: poison_centre@mail.orbitel.bg http://www.pirogov.bg

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)	Not classified
Further information	For the full text of the hazard statements and EU hazard statements: see SECTION 16

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 (CLP)	Not classified
Hazard pictograms	Not applicable.
Signal word	Not applicable.
Hazard statements	Not applicable

Supplemental Hazard information (EU)	EUH210- Safety Data Sheet available on request.
Special Provisions	P102 - Keep out of reach of children.
2.3. Other hazards	
Other hazards	Not classified as PBT/vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Substances	Not applicable
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3.2. Mixtures

CAS No.	EC No.	Index No.	REACH Registration No.	% [weight]	Substance name	Classification according to Regulation (EC) No 1278/2008 (CLP)
57-13-6	200-315-5	-	01-2119463277-33-0138	31.8 – 33.2	Urea	not classified

4. FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation	Move casualty away from the source of exposure. Provide fresh air. If symptoms persist, call a physician.
Following skin contact	Remove contaminated clothing and shoes. Wash the place of contact with water and soap. If skin irritation occurs, get medical advice. Wash contaminated clothing before reuse.
Following eye contact	Immediately rinse eyes with plenty of running water. When rinsing the eyes, hold the eyelid apart from the eyeball as to ensure a thorough rinsing (by forcibly holding the eye wide open with hands). Remove the contact lenses, if any, and continue the rinsing the eyes. If irritation occurs, consult a physician.
Following ingestion	Wash out mouth with water. Never induce vomiting or give anything by mouth to an unconscious persons. It is necessary to seek medical advice.

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

Inhalation acute effects	Не се очаква да бъде вреден при вдишване при нормални температури и налягане. Вдишването на пари във високи концентрации може да доведе до интоксикация, ступор и в много редки случаи може да се появи главоболие.
Ingestion acute effects	Ingestion of small amounts will probably not cause development of symptoms. In a case of greater amount there is nausea, vomiting.
Skin contact acute effects	May not cause skin irritation.
Eye contact acute effects	May not cause irritation of the eye.

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

Notes to physician	No information available
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5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Chemicals has not flammable properties.
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Unsuitable extinguishing media	It is not necessary
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5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture	As products of combustion gases can be formed such as carbon oxide, nitrogen oxide and ammonia.
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5.3. Advice for firefighters

Special precautions for fire-fighters	Evacuate people from the fire caught area. The container with chemical which are not covered by fire should be moved to a safe zone, provided a minimum risk is involved. Use water spray to cool unopened containers which were on fire in the hazard zone. Do not allow the used water to enter drains, water courses, or soil. Collect the used water and dispose of it in accordance with the applicable local regulations. The fire-fighters should wear the complete personal protective equipment, including the self-contained breathing apparatus.
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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Protective equipment for non-emergency personnel	Use adequate personal protective clothing and equipment (refer to Section 8). Avoid direct contact with skin and eyes. Do not breathe fumes. Evacuate people from the fire-caught area. Provide adequate ventilation. Remove all sources of ignition and sparking. Smoking is forbidden.
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6.2. Environmental precautions

Environmental precautions	Avoid spreading of spillage, run-off and contact with soil, water courses, drains and sewers. Inform the competent authorities in case of contamination of environment (soil, water courses or sewers).
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6.3. Methods and material for containment and cleaning up

For containment	Prevent spreading and run-off chemical. Constructing sand and soil barriers in case of large-scale spillage, collect the spillage and dispose of it into closed containers intended for waste disposal. Disposal should be carried out by an authorized operator.
For cleaning up	In case of small leaks, use soil or some other inert, non-combustible absorbent material to collect the spillage.

6.4. Reference to other sections

Reference to other sections	Follow instructions under Section 8 related to personal protection and waste treatment and disposal instructions under Section 13.
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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective measures	
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7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	Store in a dry, cold, well ventilated area. Keep in original, closed and properly labeled packaging. Avoid exposure to direct sun light and heat sources. Keep container upright (vertical) to prevent leak. Store away from incompatible materials (refer to section 10.5.), food and drinks. The recommended storing temperature is from -5 to 25°C.
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7.3. Specific end use(s)

Recommendations	The identified uses of this substance are detailed in section 1.2
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

List of components with OEL value

Component	OEL Type	Long Term mg/m ³	Long Term ppm	Short Term mg/m ³	Short Term ppm	Behaviour	Note
	DNEL (longterm exposure)	292 mg/m ₃					(workers, inhalation)
	DNEL (longterm exposure)	580 mg/kgbw/day					(workers, dermal)
	DNEL (longterm exposure)	125 mg/m ³					(general population, inhalation)
	DNEL (longterm exposure)	580 mg/kgbw/day					(general population, dermal)
	DNEL (longterm exposure)	42 mg/kgbw/day					(general population, oral route)
	PNEC: 0.047 mg/L	(freshwater)					

Predicted No Effect Concentration (PNEC) values

Derived No Effect Level (DNEL)

8.2. Exposure controls

Substance/mixture related measures to prevent exposure during identified uses	Provide adequate ventilation of handling area.
Structural measures to prevent exposure	Wash hands, forearms, and face thoroughly when finished working with chemicals, before eating, drinking, smoking, or going to toilet.
Eye and face protection	Wear tightly fitting safety goggles providing adequate protection against sprays of liquid chemicals in the eyes. (EN 166)
Skin protection	Wear protective clothing and shoes covering all body to avoid contamination.
Hand protection	Wear gloves resistant to chemicals (EN 374). The gloves should be periodically inspected and replaced in case of wear and tear, perforation or contamination. The glove material has to be impermeable and resistant to the chemical. Recommendation of manufacturers are butyl or nitril gloves.
Respiratory protection	In regard to the the manufacturer's recommendations for handling (use in well-ventilated areas), does not require the use of protective equipment for respiratory protection. If the generated vapor or mist formation use respirator with filters for organic vapors/mist (type A, typ K)
Organisational measures to prevent exposure	Apply adequate control measures to control contact with environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	liquid
Colour	colourless
Odour	mild
Melting point/freezing point	-11°C
Boiling point or initial boiling point and boiling range	104°C
Flammability	not flammable
Lower and upper explosion limit	not explosive
Auto-ignition temperature	none
Decomposition temperature	not available
pH	max. 10 (10% water solution)
Kinematic viscosity	1,4 mPas при 25°C
Solubility	soluble in water
Partition coefficient n-octanol/water (log value)	urea 1.73 at 20°C
Vapour pressure	not available
Density and/or relative density	not available
Relative vapour density	1087 -1093 kg/m3 at 20°C (ISO 12185)
Oxidizing properties	none

9.2. Other information

Formation of explosible dust/air mixtures	none
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10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	Stable under recommended storage and handling conditions.
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10.2. Chemical stability

Chemical stability	Stable under recommended handling and storing conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	There is not hazardous reactions.
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10.4. Conditions to avoid

Conditions to avoid	Heating causes thermal decomposition and the gases formation.
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10.5. Incompatible materials

Incompatible materials	Not known.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Under the recommended storage conditions and usage there is no degradation of chemicals and the formation of hazardous products. Combustion generate CO ₂ , NH ₃ , NO _x .
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11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Acute toxicity	<p>Possible exposure routes: Inhalation, peroral, dermal, and eye contact</p> <p>Symptoms related to physical, chemical, and toxicological properties: Characteristic symptoms resulting from exposure to chemical are specified in section 4.2.</p> <p>Delayed and immediate effects, as well as acute effects as a result of short-term and long-term exposure: No data available</p>
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Toxicological information on main components of the mixture

Component	Toxicity	Information
Urea	<p>Acute toxicity: Based on available data, the classification criteria are not met. OECD Guideline 401 LD₅₀: 14 300 mg/kg bw (rate, male)</p>	<p>Index No - CAS No 57-13-6 EC No 200-315-5 REACH Registration No 01-2119463277-33-0138</p>

12. ECOLOGICAL INFORMATION

12.1. Toxicity

List of components with eco-toxicological properties

Component	Identification number	Ecotoxicological information
Urea	<p>Index No - CAS No 57-13-6 EC No 200-315-5 REACH Registration No 01-2119463277-33-0138</p>	<p>LC₅₀/96 6810 mg/L (Leuciscus idus) EC₅₀/24h 10000 mg/L (Daphnia magna)</p>

12.2. Persistence and degradability

Abiotic Degradation	Significant biodegradation in water and soil.
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12.3. Bioaccumulative potential

Bioconcentration factor (BCF)	Low bioaccumulation potential.
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12.4. Mobility in soil

Known or predicted distribution to environmental compartments	No data available.
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12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	Not contain PBT/vPvB substances.
12.6. Endocrine disrupting properties	
12.7. Other adverse effects	
Other adverse effects	No data available.
12.8. Additional information	
13. DISPOSAL CONSIDERATIONS	
13.1. Waste treatment methods	
Product/Packaging disposal	Treat and dispose of contaminated packaging in compliance with applicable local regulations.
Waste treatment-relevant information	Disposal of unused substance and contaminated packaging: Depending on the degree and character of contamination use for agricultural purposes or dispose of under control by authorized waste disposal contractors. Empty container damaged during using must be stored at the designed place and disposed of in a solid waste incineration plant.
14. TRANSPORT INFORMATION	
14.1. UN number or ID number	
14.2. UN proper shipping name	
UN proper shipping name	Not applicable
14.3. Transport hazard class(es)	
Transport hazard class(es)	The chemical is not classified as hazardous according to the transport regulations: ADR (road transport), RID (rail transport), ADN (transport by inland waterways), IMDG Code (transport by sea), and IATA (air transport).
14.4. Packing group	
Packing group	Not applicable
14.5. Environmental hazards	
Environmental hazards	Not applicable
14.6. Special precautions for user	
Special precautions for user	Not applicable
14.7. Maritime transport in bulk according to IMO instruments	
Maritime transport in bulk according to IMO instruments	Not applicable
15. REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	

EU regulations	<p>Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006</p> <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC</p> <p>Regulation (EC) No 1907/2006, Annex XVII (the substances subject to restriction on marketing and use): none present</p> <p>Regulation (EC) No 1907/2006, Article 59 (the substances on Candidate List): none present</p> <p>Regulation (EC) No 1907/2006, Annex XIV (the substances subject to authorisation): none present</p>
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15.2. Chemical Safety Assessment

Chemical Safety Assessment	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.
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16. OTHER INFORMATION

Other information	<p>Amendments: 1-th version</p> <p>List of abbreviations and acronyms: PBT - Persistent, bioaccumulative and toxic substance vPvB - Very persistent and very bioaccumulative substance SCBA - Self Contained Breathing Apparatus DNEL-Derived no-effect level PNEC-Predicted no-effect concentration ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road RID - International Rule for Transport of Dangerous Substances by Railway ADN - Transport by inland waterways IMDG - International Maritime Dangerous Goods IATA - International Air Transport Association</p> <p>Basic literature and sources: Safety data sheet of components www.echa.europa.eu</p> <p>List of hazard statements and the associated full text: Other Information: The information provided herein is up-to-date our current knowledge about the product. The product must not be used for any purposes other than specified herein. We shall not accept any liability in case of non-compliance with this Safety Data Sheet</p>
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