




## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31, Annex II as amended.

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### G-Energy Synthetic Long Life 10W-40

Revision 0  
Revision date 03.04.2018

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
<b>1.1. Product Identifier</b>	
<b>Product name</b>	G-Energy Synthetic Long Life 10W-40
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>	
<b>Description</b>	Engine oil
<b>1.3. Details of the supplier of the safety data sheet</b>	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- 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> (for CAS 64742-54-7)	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: <a href="mailto:sds@reachlaw.fi">sds@reachlaw.fi</a>
<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>2.1. Classification of the substance or mixture</b>	
<b>Regulation (EC) No 1272/2008 (CLP):</b>	Eye Irrit.2 - Causes serious eye irritation.
<b>Adverse physicochemical, human health and environmental effects:</b>	No other hazards
<b>2.2. Label elements:</b>	
<b>Regulation (EC) No 1272/2008 (CLP):</b>	Pictograms and Signal Words:  <b>Warning</b> H319 Causes serious eye irritation. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection /face protection. P337+P313 If eye irritation persists: Get medical advice/attention. P501.A Dispose of contents/container in accordance with applicable regulations. <b>Contains:</b> Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts. May produce an allergic reaction.
<b>Ingredient(s) with unknown acute toxicity:</b>	None

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	No other hazards. No PBT/vPvP ingredients are present. Avoid uses not listed in section 1, unless technical expert advice. It's precautionary reduce chemical exposure, in any case.
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**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

	Not applicable: this product is regulated as a mixture.
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**3.2 Mixtures; (EC) No 1272/2008**

Chemical Name	Index.No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Distillates (petroleum), hydrotreated heavy paraffines	649-467-00-8	64742-54-7	265-157-1	01-2119484627-25-0079	30-40	DECLL(*) Asp. Tox. 1 H304
Distillates (petroleum), hydrotreated heavy paraffines	649-467-00-8	64742-54-7	265-157-1	01-2119484627-25-0079	30-40	DECLL(*)
Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts	-	68784-31-6	272-238-5	01-2119657973-23-0000	0.5-1.5	Eye Dam.1 H318 Aquatic Chronic 2 H411
Amines, polyethylenepoly-, reaction products with 1,3-dioxolan-2-one and succinic anhydride monopolyisobutenyl derivs.	-	147880-09-9	604-611-9	**	1-5	Aquatic Chronic 4 H413
Bis(nonylphenyl)amine	-	36878-20-3	253-249-4	01-2119488911-28	0.1-1.0	Aquatic Chronic 4 H413
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts	-	722503-68-6	n/a	**	0.1-1.0	Aquatic Chronic4 H413 Skin Sens.1B H317

(\*) DECLL Substance classified in accordance with Note L, Annex VI of EC Regulation (EC) 1272/2008.

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

(\*\*) Not available or substance is not currently required for registration under REACH

**Description**

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

	Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.
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**4. FIRST AID MEASURES****4.1. Description of first aid measures**

<b>In case of skin contact:</b>	Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. 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.
<b>In case of eyes contact:</b>	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.

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<b>In case of Ingestion:</b>	Do not induce vomiting, get medical attention showing the SDS and label hazardous.
<b>In case of Inhalation:</b>	Remove casualty to fresh air and keep warm and at rest.
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	
	Eye irritation / Eye damages
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	
	Seek medical attention if irritation or symptoms persist
<b>5. FIRE-FIGHTING MEASURES</b>	
<b>5.1. Extinguishing media</b>	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO <sup>2</sup> ); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.
<b>5.2. Special hazards arising from the substance or mixture</b>	Do not inhale explosion and combustion gases. Burning produces irritating, toxic and obnoxious fumes.
<b>5.3. Advice for firefighters</b>	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.
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	Wear personal protection equipment. Ensure adequate ventilation in the working area. Avoid contact with spilled material. Remove persons to safety. See protective measures under point 7 and 8.
<b>6.2. Environmental precautions</b>	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. Suitable material for taking up: absorbing material, organic, sand.
<b>6.3. Methods and material for containment and cleaning up</b>	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
<b>6.4. Reference to other sections</b>	See also section 8 and 13
<b>7. HANDLING AND STORAGE</b>	
<b>7.1. Precautions for safe handling</b>	Avoid contact with skin and eyes, inhalation of vapors and mists. 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. Contaminated clothing should be changed before entering eating areas. See also section 8 for recommended protective equipment.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
<b>7.3. Specific end use(s)</b>	No data is available on this product.

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<b>8.1. Control parameters</b>	
<b>Distillates (petroleum), hydrotreated heavy paraffines</b>	WEL 8-hr limit mg/m <sup>3</sup> : 5.4 (aerosol)
<b>8.2. Exposure controls</b>	
<b>8.2.1. Appropriate engineering controls</b>	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.
<b>8.2.2. Individual protection measures:</b>	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
<b>Eye protection:</b>	Safety Glasses.
<b>Protection for skin:</b>	Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear chemically protective clothes when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse.
<b>Protection for hands:</b>	Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
<b>Respiratory protection:</b>	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.
<b>Hygienic and Technical measures</b>	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.
<b>Appropriate engineering controls:</b>	n/a

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Homogenous, viscous liquid
<b>Odour</b>	Characteristic
<b>pH</b>	Not applicable
<b>Pour point</b>	< - 35 °C
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Flash point</b>	> 200 °C (Cleveland Open Cup, ASTM D 92)
<b>Evaporation rate</b>	Not applicable
<b>Upper/lower flammability</b>	Not determined
<b>Vapour density</b>	Not applicable
<b>Vapour pressure</b>	No data available
<b>Density</b>	No data available
<b>Solubility</b>	Soluble in hydrocarbons; Insoluble in water
<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Auto-ignition temperature</b>	> 356 °C
<b>Decomposition temperature</b>	Not applicable
<b>Viscosity (at 100 °C)</b>	13,50-15,50 mm <sup>2</sup> /s (ASTM D 445)

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<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not determined
<b>Volatile Organic compounds</b>	Not applicable
<b>Other information</b>	
<b>Miscibility</b>	Not applicable
<b>Conductivity</b>	Not applicable

**10. STABILITY AND REACTIVITY**

<b>10.1. Reactivity</b>	This product has no significant hazards with respect to reactivity. Stable under normal conditions
<b>10.2. Chemical stability</b>	Stable under normal conditions. Will not decompose if stored and used as recommended.
<b>10.3. Passivity of hazardous reactions</b>	Will not occur. Stable under normal conditions.
<b>10.4. Conditions to avoid</b>	Elevated temperatures, sparks and open flames.
<b>10.5. Incompatible materials</b>	Strong oxidizing agents.
<b>10.6. Hazardous decomposition products</b>	Burning produces irritating, toxic and obnoxious fumes.

**11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

<b>Acute Toxicity</b>	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to 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 <sub>50</sub> > 5000 mg/m <sup>3</sup>
<b>Skin corrosion/irritation</b>	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
<b>Serious eye damage /irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts. May produce an allergic reaction.
<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>Germ cell mutagenicity</b>	Not Applicable
<b>Reproductive toxicity</b>	Not Applicable
<b>STOT-single exposure</b>	Not Applicable
<b>STOT-repeated exposure</b>	Not Applicable
<b>Aspiration hazard</b>	Not Applicable

**12. ECOLOGICAL INFORMATION**

<b>12.1. Toxicity</b>	Eco-Toxicological Information: Adopt good working practices, so that the product is not released into the environment.
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**List of components with eco-toxicological properties**

Quantity	Component	Ident. Numb.	Ecotox Infos
70-80 %	Distillates (petroleum), hydrotreated heavy paraffines	CAS: 64742-54-7 EC: 265-157-1	EL <sub>50</sub> a) Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL <sub>50</sub> a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L

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<b>12.2. Persistence and degradability</b>	No date is available on this product. Distillates (petroleum), hydrotreated heavy paraffines_non-readily biodegradable
<b>12.3. Bio accumulative potential</b>	No date is available on this product.
<b>12.4. Mobility in soil</b>	Product floats on water (insoluble) and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
<b>12.5. Results of PBT and vPvB assessment</b>	No PBT ingredients are present.
<b>12.6. Other adverse effects</b>	n/a
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>13.1. Waste treatment methods</b>	
<b>Disposal methods</b>	Dispose of in compliance with all local and national regulations. Contact a licensed waste disposal company.
<b>Disposal of packaging</b>	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
<b>Further information</b>	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
<b>14. TRANSPORT INFORMATION</b>	
Not classified as dangerous in the meaning of transport regulations.	
<b>14.1. UN number</b>	Not applicable.
<b>14.2. UN proper shipping name</b>	ADR-Shipping Name: not applicable. IATA-Technical name: not applicable. IMDG-Technical name: not applicable.
<b>14.3. Transport hazard class(es)</b>	ADR-Class: not applicable. IATA-Class: not applicable. IMDG-Class: not applicable.
<b>14.4. Packing group</b>	Not applicable.
<b>14.5. Environmental hazards</b>	Marine pollutant: No / Environmental Pollutant: No
<b>14.6. Special precautions for user</b>	Not applicable.
<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>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>15. REGULATORY INFORMATION</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) 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)

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<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	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. Class 1: slightly hazardous for water. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: 3 Restrictions related to the substances contained: None
<b>Chemical safety assessment</b>	No data available on this product.
<b>16. OTHER INFORMATION</b>	
<b>Text of Hazard statements in Section 3</b>	H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. Asp. Tox. 1 Aspiration hazard, Category 1 Eye Dam. 1 Serious eye damage, Category 1 Eye Irrit. 2 Eye irritation, Category 2 Skin Sens. 1 Skin Sensitisation, Category 1 Aquatic Chronic 2 Chronic (long term) aquatic hazard, category 2 Aquatic Chronic 4 Chronic (long term) aquatic hazard, category 4
<b>Legend to abbreviations and acronyms used in the safety data sheet:</b>	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. LC <sub>50</sub> : Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. STOT: Specific Target Organ Toxicity. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.

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<b>Classification according to Regulation EC 1272/2006 (CLP)</b>	<b>Classification procedure</b>
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 combination with any other materials or in any other process.

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New version