In accordance with Regulation (EU) No. 2020/878 amending Annex II to Regulation (EC) No. 1907/2006 (REACH)

SAFETY DATA SHEET

G-Energy Synthetic Extra Life 5W-30

Revision
0
Revision date
20.07.2023

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1. Product Identifier	
Trade name	G-Energy Synthetic Extra Life 5W-30
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Recommended use	Engine oi
Uses advised against	None identified
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)	Skin Sensitization Category (Prepared according to Global Harmonized System (GHS) standards.)
Further information	For the full text of the hazard statements and EU hazard statements: see SECTION 16
2.2. Label elements	
Hazard pictograms	
Signal word	Warning
Hazard statements	H317: May cause an allergic skin reaction. Contains: C14-16-18 Alkyl phenol May produce an allergic reaction.

Precautionary statements	P261: Avoid breathing vapors. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves, protective clothing. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P501: Dispose of contents, container in accordance with applicable regulations.

2.3. Other hazards

Other hazards	No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

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

3.2. Mixtures

CAS No.	EC No.	Index No.	REACH Registration No.	% [weight]	Substance name	Classification according to Regulation (EC) No 1278/2008 (CLP)
64742-54-7	265-157-1		01-2119484627-25-0079	50-65	Distillates (petroleum), hydrotreated heavy paraffinic	Product is not classified
163149-28-8	605-315-2			25-35	1-Dodecene, polymer with 1-decene and 1-octene, hydrogenated	Product is not classified
36878-20-3	253-249-4		01-2119488911-2 8	1-2	Bis(nonylphenyl) amine	Aquatic Chronic 4, H413
84605-29-8	283-392-8		01-2119657973-2 3-0000	0,5-0,99	Phosphorodithioic acid, mixed O,O bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
125643-61-0	406-040-9			0,1-0,5	Reaction mass of isomers of: C7-9- alkyl 3-(3,5-di-tert-butyl-4- hydroxyphenyl) propionate	Aquatic Chronic 4, H413
	931-468-2			0,05-0,2	C14-16-18 Alkyl phenol	Skin Sens. 1, H317 STOT RE 2, H373

4. FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation	Remove exposed person to fresh air if adverse effects are observed.
Following skin contact	Take off contaminated clothing and wash before re-use. Wash with soap and water. If skin irritation or rash occurs, get medical attention.Get medical attention if symptoms occur.

Following eye contact	Flush thoroughly with water. If irritation occurs, get medical assistance. Remove contact lenses, if present and easy to do. Continue rinsing.
Following ingestion	Do not induce vomiting, get medical attention showing the SDS and label hazardous. Treat symptomatically.
4.2. Most important symptoms and effects, both acute and delayed	
Inhalation acute effects	No further relevant information available.
4.3. Indication of any immediate medical attention and special treatment needed	
Notes to physician	Seek medical attention if irritation or symptoms persist.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media	
Suitable extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO_2); dry chemical; foam; sand; water spray). Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	
Hazards from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	
Special precautions for fire-fighters	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, protective equipment and emergency procedures	
Protective equipment for non-emergency personnel	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. See protective measures under point 7 and 8.
6.2. Environmental precautions	
Environmental precautions	Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.
6.3. Methods and material for containment and cleaning up	
For containment	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Residual liquid can be absorbed on inert material.
6.4. Reference to other sections	

Reference to other sections	See also section 8 and 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective measures	Avoid contact with skin and eyes, inhalation of vapors and mists. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.

7.3. Specific end use(s)

Recommendations	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

List of components with OEL value

Component	OEL Type	Long Term mg/m³	Long Term ppm	Short Term mg/m³	Short Term ppm	Behaviour	Note
MINERAL OIL	ACGIH	5.000					

Predicted No Effect Concentration (PNEC) values

Component	CAS No.	PNEC limit	Exposure Route	Exposure Frequency	Remark

Derived No Effect Level (DNEL)

8.2. Exposure controls

Substance/mixture related measures to prevent exposure during identified uses	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.
Organisational measures to prevent exposure	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye and face protection	Not needed for normal use. Anyway, operate according good working practices. In case of splashing, wear: approved safety goggles.
Hand protection	Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limitis exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Organisational measures to prevent exposure	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discardcontaminated footwear that cannot be cleaned.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Colour	Yellow-brown
Odour	Petroleum odor
Pour point	<-37 °C
Boiling point or initial boiling point and boiling range	Not applicable
Lower and upper explosion limit	Not determined
Flash point	>220 °C (Cleveland Open Cup, ASTMD 92)
Auto-ignition temperature	>165 °C
Decomposition temperature	Not applicable
pH	Not applicable
Kinematic viscosity	(at 40 °C) >20.50 mm2/s (ASTM D 445) (at 100 °C) 11.00-12.50 mm2/s (ASTM D 445)
Solubility	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure	Not applicable
Density and/or relative density	849.60 kg/m3 (ASTM D 4052)
Relative vapour density	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds - VOCs	Not applicable

9.2. Other information

Evaporation rate	Not applicable
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions.

10.2. Chemical stability

Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not occur. Stable under normal conditions.

10.4. Conditions to avoid

Conditions to avoid	Elevated temperatures, sparks and open flames.

10.5. Incompatible materials

Incompatible materials	Strong oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGICAL INFORMATION

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

Products have not been tested. Evaluation has been made through data of components.

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	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.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory or skin sensitisation	Skin: Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Germ cell mutagenicity	Not Applicable.
Carcinogenicity	This product contains mineral oils, which are severely refined and not considered to be carcinogenic under IARC. All components in this product have been passed the test IP346 (DMSO extractible compounds less than 3%).
Reproductive toxicity	Not Applicable
STOT-single exposure	Not Applicable
STOT-repeated exposure	Not Applicable
Aspiration hazard	Not considered an aspiration hazard.

Toxicological information on main components of the mixture

Component	Toxicity	Information
Distillates (petroleum), hydrotreated heavy paraffinic		Acute oral/rat LD50 > 5000 mg/kg Acute dermal/rabbit LD50 > 5000 mg/kg Acute inhalation/rat LC50 = 5.53 mg/m3
1-Dodecene, polymer with 1-decene and 1-octene, hydrogenated		Acute oral/rat LD50 > 5000 mg/kg Acute dermal/rabbit LD50 > 2000 mg/kg Acute inhalation/rat LC50 > 5200 mg/m3

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute (short-term) toxicity	Adopt good working practices, so that the product is not released into the environment.

List of components with eco-toxicological properties

Component	Identification number	Ecotoxicological information
50-65% Distillates (petroleum), hydrotreated heavy paraffinic	CAS: 64742-54-7 EC: 265-157-1	EL50 a) Aquatic acute toxicity Daphnia magna > 10000 mg/L 48h LL50 a) Aquatic acute toxicity Fish Pimephales promelas> 100 mg/L 96h NOELR b) Aquatic chronic toxicity Algae Pseudokirchneriella subcapitata >= 100 mg/L 48h NOELR b) Aquatic chronic toxicity Daphnia magna = 10mg/L 21 days NOELR b) Aquatic chronic toxicity Fish Oncorhynchus mykiss = 1000 mg/L 14days

12.2. Persistence and degradability

Component	Persitence/Degradability	Test	Duration	Value	Notes
Distillates (petroleum), hydrotreated heavy paraffinic	non-readily biodegradable	31,13%	28d		

12.3. Bioaccumulative potential

Partition coefficient n-octanol /water (log Kow)	No information available.

12.4. Mobility in soil

Known or predicted distribution to environmental compartments	Product floats on water (insoluble) and can entrape small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	No PBT Ingredients are present.

12.6. Endocrine disrupting properties

Endocrine disrupting properties	No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

Other adverse effects	No components with environmental hazard properties.

12.8. Additional information

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product/Packaging disposal	Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue, which may exhibit hazards of product.
Waste treatment-relevant information	Do NOT reuse empty containers. Empty containers can be sent fordisposal or recycling.

14. TRANSPORT INFORMATION

14.1. UN number or ID number

UN number or ID number	Not applicable.

14.2. UN proper shipping name

UN proper shipping name	Not applicable.

14.3. Transport hazard class(es)

Transport hazard class(es)	Not applicable.

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	None known.

15. REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU regulations	CHEMICAL INVENTORIES: All components comply with the following chemical inventory requirements: EINECS (European Union).
15.2. Chemical Safety Assessment	
Chemical Safety Assessment	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. OTHER INFORMATION	
Other information	Text of Hazard statements in Section 3. H315 – Causes skin irritation. H317 – May cause an allergic skin reaction. H318 – Causes serious eye damage. H373 – May cause damage to organs through prolonged or repeated exposure. H411 – Toxic to aquatic life. H413 – May cause long lasting harmful effects to aquatic life. Legend to abbreviations and acronyms used in the safety data sheet: CAS: Chemical Abstracts Service (division of the American Chemical Society). DMSO: Dimethyl sulfoxide. EC50: Half Maximal Effective Concentration. IATA: International Air Transport Association. LD50: Lethal Dose to 50 % of a test population. LC50: Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. TWA - Time Weighted Average vPvB: Very Persistent and Very Bioaccumulative. 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 materialsor in any other process. Revision: 0 New version