

**Safety data sheet**  
complying with Regulation 1907/2006/EC (REACH Regulation),  
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 04.01.2022

Version number 2 (replaces version 1)

Revision: 04.01.2022

**\* SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** VITO GEAR EP 75W80**UFI:** 84G0-A0R8-U000-8XS3**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture:** Lubricant**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Aegean Oil S.A

10, Akti Kondyli,

Piraeus, Greece, 185 45

Tel: (+30) 210 4586000

Fax: (+30) 210 4586244

E-mail: sales-lubes@aegeoil.gr

**1.4 Emergency telephone number:**

European Emergency Tel.: 112

**\* SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

GHS07

Skin Sens. 1      H317 May cause an allergic skin reaction.

Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.

**2.2 Label elements****Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**

GHS07

**Signal word:** Warning**Hazard-determining components of labelling:**

Amines, C10-14-tert-alkyl

**Hazard statements:**

H317 May cause an allergic skin reaction.

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H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.\* **SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture: consisting of the following components.**Ingredients according Regulation (EU) 2020/878:**

CAS: 64742-55-8 EINECS: 265-158-7 Index number: 649-468-00-3 Reg.nr.: 01-2119487077-29-XXXX	Distillates (petroleum), hydrotreated light paraffinic ⚠ Asp. Tox. 1, H304	≥2.5-<10%
EC number: 701-175-2 Reg.nr.: 01-2119456798-18-XXXX	Amines, C10-14-tert-alkyl ⚠ Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317	≥0.1-<0.25%
CAS: 1213789-63-9 EC number: 627-034-4 Reg.nr.: 01-2119473797-19-XXXX	C16-18-(even numbered, saturated and unsaturated)-alkylamines ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10); ⚠ Acute Tox. 4, H302; STOT SE 3, H335	≥0.025-<0.25%

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Take affected persons out into the fresh air.

In all cases call a doctor

**After inhalation:**

If breathing is difficult, remove to fresh air. Restore breathing. Keep warm and quiet. Notify physician.

In case of unconsciousness place patient stably in side position for transportation.

Get medical attention if symptoms occur.

Seek medical treatment in case of complaints.

**After skin contact:**

Wash the skin immediately with soap and water.

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If skin irritation continues, consult a doctor.

**After eye contact:**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Check for and remove any contact lenses.

Continue to rinse for at least 10 minutes.

Get medical attention if irritation occurs.

Avoid strong water jet-risk of cornea damage, consult a doctor.

**After swallowing:**

Never give anything by mouth to an unconscious person.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

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

No further relevant information available.

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

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.

Sand or earth

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

**5.3 Advice for firefighters**

**Protective equipment:** Use of protective clothes and respiratory device is being recommended in case of fire.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Avoid inhalation of vapors.

**6.1.1 For non-emergency personnel** Avoid contact with dripping or leaking material

**6.1.2 For emergency responders**

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

**6.2 Environmental precautions:**

No special measures required.

Prevent product from entering sewers, rivers or other bodies of water. Note: solidified product may clog drains and sewers.

**6.3 Methods and material for containment and cleaning up:**

Pick up mechanically with a non combustible material such as earth or sand.

Absorb with non-flammable liquid-binding material (e.g. earth, sand, vermiculite).

Treat recovered material as described in Chapter 13.

**6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Avoid contact with the eyes and skin

Avoid inhaling vapors.

Do not eat, drink or smoke during the usage of the product.

Open and handle receptacle with care.

**Information about fire - and explosion protection:** No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage:** Keep containers tightly closed in a dry, cool, well-ventilated area.**Requirements to be met by storerooms and receptacles:** Store in a cool location.**Information about storage in one common storage facility:** Store away from oxidising materials.**Further information about storage conditions:**

Protect from heat and direct sunlight.

Keep away from children

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**DNELs**

Amines, C10-14-tert-alkyl

Consumers:

Long-term systemic effect, Oral: 0.35 mg/kg

(CAS: 1213789-63-9) C16-18-(even numbered, saturated and unsaturated)-alkylamines

DNEL, dermal, workers, long-term exposure, systemic effects: 0.09 mg/kg

DNEL, oral, consumers, long-term exposure, systemic effects: 0.04 mg/kg

**PNECs**

Amines, C10-14-tert-alkyl

Fresh water: 0.001 mg/l

(CAS: 1213789-63-9) (Z)-octadec-9-enylamine, C16-18-(even numbered, saturated and unsaturated)-alkylamines

Freshwater: 0.26 µg/l

**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****8.2.1. Appropriate engineering controls** Provide adequate ventilation.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Do not eat, drink or smoke while using the product.

Do not breathe vapours or mists.

Avoid contact with skin and eyes.

Be sure to clean skin thoroughly after work and before breaks.

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**Respiratory protection:**



Use suitable respiratory protective device in case of insufficient ventilation.

**Hand protection**



Protective gloves resistant to chemicals (standard EN 374-1)

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Penetration time of glove material**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection**



Goggles recommended during refilling

**Body protection:**



Protective work clothing

**\* SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

<b>Physical state</b>	Liquid
<b>Colour:</b>	Light-coloured to brown
<b>Odour:</b>	Characteristic of lubricants
<b>Odour threshold:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	Not determined
<b>Flammability</b>	Not applicable
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Flash point:</b>	215 °C
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Decomposition temperature:</b>	Not determined
<b>pH</b>	Not determined

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<b>Viscosity:</b>	
<b>Kinematic viscosity at 100 °C</b>	14.3 cSt (ASTM D-445)
<b>Dynamic:</b>	Not determined
<b>Solubility</b>	
<b>water:</b>	Not miscible
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Density and/or relative density</b>	
<b>Density at 15.4 °C:</b>	0.8769 g/cm <sup>3</sup> (ASTM D-1298)
<b>Relative density</b>	Not determined
<b>Vapour density</b>	Not determined

**9.2 Other information****Appearance:****Form:** Liquid**Important information on protection of health and environment, and on safety.****Auto-ignition temperature:** Not determined**Explosive properties:** Product does not present an explosion hazard.**Drip point:****Pour point** -42 °C (ASTM D-97)**Cloud point / clarification point:****Oxidising properties** Not considered as oxidising.**Evaporation rate** Not determined**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.

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**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided**

No decomposition if used and stored according to specifications.

Stable at environment temperature.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** Oxidising agents

**10.5 Incompatible materials** No further relevant information available.

**10.6 Hazardous decomposition products** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

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

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

(CAS: 1213789-63-9) C16-18- (even numbered, saturated and unsaturated) - alkylamines

LD50 Oral, Rat: 1689 mg/kg

Test: 401 Acute Oral Toxicity

(EC: 701-175-2) Amines, C10-14-tert-alkyl

LC50, inhalation, vapour, rat, 4 hours: 1.19 mg/l

Test: 403 Acute Inhalation Toxicity

LD50,dermal, rat: 251 mg/kg

Test: 402 Acute Dermal Toxicity

LD50, oral, rat: 612 mg/kg

Test: 401 Acute Oral Toxicity

**ATE (Acute Toxicity Estimates)**

Dermal	LD50	>194,679-≤260,870 mg/kg
Inhalative	LC50/4 h (vapour)	>324-≤435 mg/l

**CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic**

Oral	LD50	>5,000 mg/kg (rat) (Acute Oral Toxicity)
Dermal	LD50	>5,000 mg/kg (rat) (Acute Dermal Toxicity)
Inhalative	LC50/4h (dusts and mists)	>5.53 mg/l (rat) (Acute Inhalation Toxicity)

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

**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.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

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**\* SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:**

(EC: 701-175-2) Amines, C10-14-tert-alkyl

EL50, Acute, Algae - Pseudokirchneriella subcapitata, 72 hours: 0.44 mg/l

EL50, Acute, Daphnia - Daphnia magna, 48 hours: 2.5 mg/l

EL50, Acute, Microorganism, 30 minutes: 63.5 mg/l

LL50, Acute, Fish - Oncorhynchus mykiss 96 hours: 1.3 mg/l

NOEC, Chronic, Fish - Oncorhynchus mykiss, 96 days: 0.078 mg/l

NOEL, Chronic, Algae - Pseudokirchneriella subcapitata, 72 hours: 0.05 mg/l

(CAS: 1213789-63-9) C16-18- (even numbered, saturated and unsaturated) -alkylamines

EL50, Acute, Algae - Selenastrum capricornutum, 96 hours: 0.04 mg/l

EL50, Acute, Daphnia - Daphnia magna, 48 hours: 0.011 mg/l

EL50, Acute, Microorganism, 3 hours: 222.5 mg/l

LL50 Acute, Fish - Pimephales promelas 96 hours: 0.06 mg/l

NOEL chronic - Algae - Selenastrum capricornutum, 96 hours: 0.01 mg/l

NOEL chronic - Daphnia - Daphnia magna, 21 days: 0.013 mg/l

**CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic**

EC50 (48h) >10,000 mg/l (Daphnia magna)

LC50 (96h) >100 mg/l (Pimephales promelas)

NOEC r (72h) ≥100 mg/l (algae)

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.

**12.7 Other adverse effects**

**Additional ecological information:**

**General notes:** Not known to be hazardous to water.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

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**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information**

<b>14.1 UN number or ID number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as amended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

Note L applies. DMSO content is below 3%.

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**National regulations:****Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.


H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

**Department issuing SDS:**

**SUST**  SUSTCHEM S.A.  
**CHEM** REACH & Chemical Services Department  
CONSULTING A: 144, 3rd Septemvriou, GR 112 51 | Athens, Greece  
T: +30 210 8252510 | F: +30 210 8252575  
W: www.sustchem.gr | E: info@suschem.gr

**Version number of previous version: 1****Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**\* Data compared to the previous version altered.**

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