

SAFETY DATA SHEET

GF DIESEL

Version:5



Review date: 7/01/2018

RE EC/2016-918 - CLP 1272/2008

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

1. 1. Product identifier: GF DIESEL
1. 1. 1. Contains:
- HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - Hydrocarbons, C10, aromatics, <1% naphthalene
 - Hydrocarbons, C10, aromatics, >1% naphtalène
1. 1. 2. EC number: Not applicable.
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Large treatment protection performance froid.Anti-solidifying procétane
1. 3. Details of the supplier of the safety data sheet: SELD
6 rue Jules Guesde – ZI du Pontet
F-69360 Saint Symphorien d'Ozon
France
Phone: +33 (0)4 37 25 16 16
Fax: +33 (0)4 78 21 80 70
E-mail: contact@mecatech-performances.com
1. 4. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131
1. 5. Product code nr: MT015

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Asp. Tox. 1 / GHS08 - H304 *
* Aquatic. Chronic 2 / GHS09 - H411 *
2. 2. Label elements:
- 

Danger
2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Contains:
- HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - Hydrocarbons, C10, aromatics, <1% naphthalene
 - Hydrocarbons, C10, aromatics, >1% naphtalène
2. 2. 3. Hazard statement: H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
2. 2. 4. Prevention: P273 Avoid release to the environment.
2. 2. 5. Response: P301 IF SWALLOWED:
P310a Immediately call a POISON CENTER / doctor.
P331 Do NOT induce vomiting.
P391 Collect spillage.
2. 2. 6. Storage: P405 Store locked up.
2. 2. 7. Disposal: P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 3. Further information(s): EUH 066 - Repeated exposure may cause skin dryness or cracking.
2. 4. Other hazards: Affect many plastics.
React with strong acids and oxidising compounds.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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3. 1. Component(s) contributing to the hazard:

- HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - CE nr: 918-481-9
 - REACH registration number : 01-2119457273-39xxx
 - Conc. (w eight %) : 60 < C <= 70
 - GHS (Globally Harmonized System)
 - * GHS08 - Asp. Tox. 1 - H304
 - Miscellaneous :
 - LD50 / Dermal / Rat = =>2000 mg/kg
 - LD50 / Oral / Rat = =>5000 mg/kg
 - LC50 / 96h / Oncorhynchus mykiss = =>1000 mg/l
 - CE50 / 48h / Daphnia magna = =>1000 mg/l
 - CEr50 / 72h / Pseudokirchneriella subcapita = <=1000 mg/l
 - Additional phrase(s)
 - EUIH 066 - Repeated exposure may cause skin dryness or cracking.
- Hydrocarbons, C10, aromatics, <1% naphthalene
 - CE nr: 918-811-1
 - REACH registration number : 01-2119463583-34
 - Conc. (w eight %) : 15 < C <= 20
 - GHS (Globally Harmonized System)
 - * GHS07 - STOT SE 3 - H336
 - * GHS08 - Asp. Tox. 1 - H304
 - * GHS09 - Aquatic. Chronic 2 - H411
 - Miscellaneous :
 - LE50 / 72h / Pseudokirchneriella subcapita = 11 mg/l
 - LE50 / 48h / Daphnia magna = >=3 <=10 mg/l
 - DSEO-R(NOELR) / 72h / Pseudokirchneriella subcapita = 2.5 mg/l
 - LL50 / 96h / Oncorhynchus mykiss = >=2 <=5 mg/l
 - LD50 / Ingestion / Rat = > 5000 mg/kg
 - LD50 / Skin contact / Rabbit = >2000 mg/kg
 - LC50 / Inhalation (vapours) / Rat = >4688 mg/m3
 - Additional phrase(s)
 - EUIH 066 - Repeated exposure may cause skin dryness or cracking.
- 2-ethyl hexyl nitrate
 - CE nr: 248-363-6 - CAS nr: 27247-96-7
 - REACH registration number : 01-2119539586-27
 - Conc. (w eight %) : 10 < C <= 15
 - GHS (Globally Harmonized System)
 - * GHS07 - Acute Tox. 4 - H302 - H312 - H332
 - * GHS09 - Aquatic. Chronic 2 - H411
 - Miscellaneous :
 - LD50 / Ingestion / Rat = >10000 mg/kg
 - LD50 / Dermal / Rabbit = >5000 mg/kg
- Hydrocarbons, C10, aromatics, >1% naphthalène
 - CE nr: 919-284-0
 - REACH registration number : 01-2119463588-24
 - Conc. (w eight %) : 1 < C <= 5
 - GHS (Globally Harmonized System)
 - * GHS07 - STOT SE 3 - H336
 - * GHS08 - Asp. Tox. 1 - H304 - Carc. 2 - H351
 - * GHS09 - Aquatic. Chronic 2 - H411
 - Miscellaneous :
 - LE50 / 48h / Daphnia magna = >3<=10 mg/l
 - LE50 / 72h / Pseudokirchneriella subcapita = 11 mg/l
 - DSEO-R(NOELR) / 72h / Pseudokirchneriella subcapita = 2.5 mg/l
 - LL50 / 96h / Oncorhynchus mykiss = >2<=5 mg/l
 - LD50 / Ingestion / Rat = >5000 mg/kg
 - LD50 / Dermal / Rabbit = >2000 mg/kg

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LC50 / Inhalation (vapours) / Rat = >4688 mg/m3

Additional phrase(s)

EUIH 066 - Repeated exposure may cause skin dryness or cracking.

- COPOLYMERE (Poly succinimide)

- Conc. (w eight %) : $0 < C \leq 1$

- GHS (Globally Harmonized System)

- * GHS07 - Acute Tox. 4 - H302 - H312 - Skin Sens. 1 - H317

- naphthalene

- Id nr: 601-052-00-2 - CE nr: 202-049-5 - CAS nr: 91-20-3

- Conc. (w eight %) : $0 < C \leq 0.9$

- GHS (Globally Harmonized System)

- * GHS07 - Acute Tox. 4 - H302

- * GHS08 - Carc. 2 - H351

- * GHS09 - Aquatic. Chronic 1 - H410

- Miscellaneous :

VME ppm = 10 - VME mg/m³ = 50 - VLE ppm = 15 - VLE mg/m³ = 79

- vinyl acetate

- Id nr: 607-023-00-0 - CE nr: 203-545-4 - CAS nr: 108-05-4

- Conc. (w eight %) : $0 < C \leq 1$

- GHS (Globally Harmonized System)

- * GHS02 - Flam. Liq. 2 - H225

- * GHS07 - Acute Tox. 4 - H332 - STOT SE 3 - H335

- * GHS08 - Carc. 2 - H351

- Miscellaneous :

VME ppm = 5 - VME mg/m³ = 17.6 - VLE ppm = 10 - VLE mg/m³ = 35.2

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

4. 1. 1. General advice:

Never give anything by mouth to an unconscious person.

In all cases of doubt, or when symptoms persist, seek medical attention.

For symptom description, see item 11.

4. 1. 2. Inhalation:

- Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.

- Artificial respiration and/or oxygen if necessary.

4. 1. 3. Skin contact:

- Take off immediately all contaminated clothing.

- Wash off with soap and plenty of water.

- If skin irritation persists, take medical advice.

4. 1. 4. Eye contact:

Rinse immediately with plenty of water, also under eyelids, taking contact lenses off.

If eye irritation persists, take medical advice.

4. 1. 5. Ingestion:

- Do NOT induce vomiting.

- Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.

4. 2. Most important symptoms and effects, both acute and delayed:

4. 2. 1. Inhalation:

Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, breathing arrest.

4. 2. 2. Skin contact:

Components of the product may be absorbed into the body through the skin.

Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

4. 2. 3. Eyes contact:

mild eye irritation (pain, redness)

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| 4. 2. 4. Ingestion: | May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. (abdominal pain) |
| 4. 3. Indication of any immediate medical attention and special treatment needed : | In all cases of doubt, or when symptoms persist, seek medical attention. |

5. FIREFIGHTING MEASURES

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| 5. 1. Extinguishing media: | dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂), water spray, sand, earth. |
| 5. 2. Special hazards arising from the substance or mixture: | In case of fire and/or explosion do not breathe fumes.
In case of fire, product decomposes into: toxic compounds, carbon oxides (CO and CO ₂), nitrogen oxides (NO _x) and smokes.
Vapours are heavier than air and spread above ground.
Concerning product toxicity, see item 11 and about product stability and reactivity see item 10. |
| 5. 3. Advice for firefighters: | Use a self-contained breathing apparatus and also a protective suit. |
| 5. 4. Specific method(s): | Cool closed containers exposed to fire with water spray. |
| 5. 5. Extinguishing media which must NOT be used for safety reasons: | Do not use water jet. |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|--|--|
| 6. 1. Personal precautions, protective equipment and emergency procedures: | Evacuate personnel to a safe area.
Avoid contact with skin, eyes, or clothing.
Ensure adequate ventilation.
Remove all sources of ignition. |
| 6. 2. Environmental precautions: | Prevent liquid from entering sewers, watercourses, underground or low areas. Relevant water authorities should be notified of any large spillage to water course or drain. |
| 6. 3. Methods and material for containment and cleaning up: | Soak up with absorbent material (for example sand, saw dust, neutral absorbent granule, silica gel).
Shovel into suitable and closed container for disposal.
Dispose as hazardous waste. |
| 6. 4. Reference to other sections: | Concerning personal protective equipment to use, see item 8.
Concerning disposal elimination after cleaning, see item 13. |

7. HANDLING AND STORAGE

- | | |
|--|---|
| 7. 1. Handling: | |
| 7. 1. 1. Precautions for safe handling: | Avoid all eyes and skin contact and do not breathe vapour and mist.
Do not eat, drink and do not smoke in areas where product is used.
Wear personal protective equipment (see item 8). |
| 7. 1. 2. Technical condition(s): | Maximum handling temperature: 50°C.
Provide for appropriate exhaust ventilation at places of vapours accumulation. |
| 7. 2. Storage: | |
| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | Keep out of the reach of children. |
| 7. 2. 2. Technical condition(s): | Not flammable and waterproof underground retention basin. |
| 7. 2. 3. Storage condition(s): | Keep container tightly closed and at a temperature not exceeding (°C): 50°C
Keep away from sources of ignition - No smoking.
Keep container in a well ventilated place. |
| 7. 2. 4. Separation of incompatible product(s): | Keep away from: strong acids, and oxidising compounds. |
| 7. 2. 5. Packaging / tank material: | made of the same material as the supply container. |
| 7. 2. 6. Unsuitable packaging | - Avoid certain plastics which are soluble in product. |

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materials: - rubbers
7. 3. Specific end use(s): None reasonably foreseeable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:

8. 1. 1. Exposure limit(s): • naphthalene : VME ppm = 10 - VME mg/m³ = 50 - VLE ppm = 15 - VLE mg/m³ = 79 • vinyl acetate : VME ppm = 5 - VME mg/m³ = 17.6 - VLE ppm = 10 - VLE mg/m³ = 35.2

No data available.

8. 1. 2. Engineering measure(s): Ensure adequate ventilation, especially in confined areas.
To protect against splashes from pouring.

8. 2. Exposure controls:

8. 2. 1. Respiratory protection: Not necessary with sufficient ventilation.

8. 2. 2. Hand protection: nitrile rubber gloves

8. 2. 3. Skin and body protection: Wear suitable protective clothing

8. 2. 4. Eye protection: safety glasses

8. 3. Hygiene measure(s): Do not eat, drink, or smoke during work.
Keep away from food, drink and animal feed.

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

9. 1. 1. Appearance: liquid
9. 1. 2. Colour: colourless / light yellow
9. 1. 3. Odour: characteristic, strong
9. 1. 4. PH: Not applicable.
9. 1. 5. Boiling point/range: Not determined.
9. 1. 6. Flash point: pas de point d'éclair°C
9. 1. 7. Explosion limits: No data available.
9. 1. 8. Relative density (water = 1): 0.843
9. 1. 9. Viscosity: Not determined.

9. 2. Other information:

9. 2. 1. Water solubility: No data available.
9. 2. 2. Fat solubility: No data available.
9. 2. 3. Solvent solubility: No data available.

10. STABILITY AND REACTIVITY

10. 1. Reactivity: No decomposition if stored and applied as directed.
10. 2. Chemical stability: Stable in use and storage conditions as recommended in item 7.
10. 3. Possibility of hazardous reactions: Not waited

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| 10. 4. Conditions to avoid: | Do not expose at temperatures above 50°C |
| 10. 5. Incompatible materials: | Reacts violently with: strong acids and oxidising compounds.
Avoid certain plastics which are soluble in product. |
| 10. 6. Hazardous decomposition products: | Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide and nitrogen oxides (NOx). |

11. TOXICOLOGICAL INFORMATION

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|--|---|
| 11. 1. Information on toxicological effects: | No available information on preparation. |
| 11. 2. Acute toxicity: | |
| 11. 2. 1. Inhalation: | No data available. |
| 11. 2. 2. Skin contact: | see item nr 3
- Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9)
:
- 2-ethyl hexyl nitrate |
| 11. 2. 3. Eyes contact: | No data available. |
| 11. 2. 4. Ingestion: | see item nr 3
- Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9)
:
- 2-ethyl hexyl nitrate |
| 11. 3. Sensitisation: | May cause sensitisation of susceptible persons by skin contact. |

12. ECOLOGICAL INFORMATION

- | | |
|--|--|
| 12. 1. Toxicity: | No ecotoxicological data about this product are known. |
| 12. 2. Persistence and degradability: | Product has only a limited biodegradability in soil and water. |
| 12. 3. Bioaccumulative potential: | This product contains potentially bioaccumulable components. |
| 12. 4. Mobility in soil: | Product -- Likely to be distributed in the sediments and the solid phase of waste waters.
Moderately volatile. |
| 12. 5. Results of PBT and vPvB assessment: | This product is not a substance PBT or vPvB, or it does not contain. |
| 12. 6. Other adverse effects: | No expected harmful effects. |
| 12. 6. 1. Toxicity to fish: | see item nr 3
- Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9)
: > 1000 mg/l |

13. DISPOSAL CONSIDERATIONS

- | | |
|---------------------------------|--|
| 13. 1. Waste treatment methods: | Collect all waste in suitable and labelled containers and dispose according to local legislation.
Do not dispose of waste into sewer.
Can be incinerated according to local regulations. |
| 13. 2. Contaminated packaging: | This container is intended only for this product.
Empty containers can be dumped according to local legislation. |

14. TRANSPORT INFORMATION

- | | |
|--------------------------------|------------------------------------|
| 14. 1. General information(s): | Transport followed ADR, IMDG, IATA |
| 14. 2. UN number: | . |

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| 14. 6. Environmental hazards: | Contains no substances known to be hazardous to the environment. |
| 14. 7. Special precautions for user: | Concerning personal protective equipment to use, see item 8. |
| 14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable. |

15. REGULATORY INFORMATION

- | | |
|--|--|
| 15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: | Payment 1907/2006 concerning the recording, the evaluation and the authorization of chemical substances, as well as the restrictions applicable to these substances.... as modified. |
| 15. 2. Chemical safety assessment: | No data available. |

16. OTHER INFORMATION

- | | |
|---|---|
| 16. 1. Text of the phrases listed in section 3: | H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H410 Very toxic to aquatic life with long lasting effects.
H225 Highly flammable liquid and vapour.
H335 May cause respiratory irritation. |
| 16. 2. Important remarks: | Information in this safety data sheet is based on actual knowledge in our possession and our experience.
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet. |
| 16. 3. Restrictions: | This information relates to the specific material designated and may not be valid in combination with other product(s). |
| 16. 4. 1. First edition date: | 07/12/2005 |
| 16. 4. 2. Previous revision date: | 20/02/2015 |
| 16. 4. 3. Review date: | 7/01/2018 |
| 16. 4. 4. Version: | 5 |
| 16. 4. 5. Review chapter(s) n°: | CLP |
| 16. 5. Written by: | SELD |