

# SAFETY DATA SHEET

## HYDROFUGE 5 en 1

Version:3


Review date:15/07/2015

RE EC/453/2010 - ISO 11014-1

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

1. 1. Product identifier: HYDROFUGE 5 en 1
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Fluid repoussor of water, cleaning, dielectric, anti-corrosion, lubricant
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. Product code nr: 412012
1. 5. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131

### 2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: Repeated exposure may cause skin dryness or cracking
2. 2. EC number: Not applicable.
2. 3. Contains: • HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
2. 4. Label elements (R - S):
2. 4. 1. Symbol(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.
2. 4. 2. R-phrase(s): 66 Repeated exposure may cause skin dryness or cracking
2. 4. 3. S-phrase(s): 2 Keep out of the reach of children.  
16 Keep away from sources of ignition - No smoking.  
23 Do not breathe gas / fumes / vapour / spray.  
24 Avoid contact with skin.  
51 Use only in well-ventilated areas.
2. 5. Label elements (CLP - SGH):
-   
Danger
2. 5. 1. Symbol(s) and signal word: .
2. 5. 2. Hazard statement: H229 Pressurised container: May burst if heated.  
H304 May be fatal if swallowed and enters airways.
2. 5. 3. Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 Do not pierce or burn, even after use.
2. 5. 4. Response: P301 IF SWALLOWED:  
P310a Immediately call a POISON CENTER / doctor.  
P331 Do NOT induce vomiting.
2. 5. 5. Storage: P410 Protect from sunlight.  
P412 Do not expose to temperatures exceeding 50 °C / 122°F.  
P405 Store locked up.
2. 5. 6. Disposal: P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 6. Further information(s): EUH 066 - Repeated exposure may cause skin dryness or cracking.

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- |                               |  |
|-------------------------------|--|
| 2. 7. Most important hazards: | Case aerosol under pressure  |
| 2. 8. Other hazards:          | Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis. |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

- Dioxyde de carbone
  - CE nr: 204-696-9 - CAS nr: 124-38-9
  - Conc. (w eight %) : 1 < C <= 5
  - SGH :
  - \* SGH04 - Gas cylinder - Warning - Compressed gases - H280
  - VME ppm = 5000 - VME mg/m<sup>3</sup> = 9000 - VLE ppm = 30000 - VLE mg/m<sup>3</sup> = 54000
  
- HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
  - CE nr: 918-481-9
  - REACH registration number : 01-2119457273-39xxx
  - Conc. (w eight %) : 80 < C <= 90
  - R-S :
  - Symbol(s): Xn - R-phrased(s): 65-66
  - SGH :
  - \* SGH08 - Health hazard - Danger - 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)
  - EUH 066 - Repeated exposure may cause skin dryness or cracking.
  
- Dérivés d'alkyldiamines
  - CE nr: 254-754-2 - CAS nr: 40027-38-
  - Conc. (w eight %) : 1 < C <= 5
  - R-S :
  - Symbol(s): Xn C N - R-phrased(s): 22-34-50
  - SGH :
  - \* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H302 \* SGH05 - Corrosion - Danger - Skin Corr. 1A - H314
  - \* SGH09 - Environment - Warning - Aquatic Acute 1 - H400

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: | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.<br>For symptom description, see item 11. |
| 4. 1. 2. Inhalation:     | Take victim to fresh air, in a quiet place and if necessary take medical advice.   |
| 4. 1. 3. Skin contact:   | Take off contaminated clothes, wash skin with plenty of water or have a shower (during minimum 15 minutes) and if necessary take medical advice.                         |
| 4. 1. 4. Eye contact:    | Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.                |

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4. 1. 5. Ingestion:	Rinse mouth, drink a lot of water, do not vomit, 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:	In the event of massive fume vapor inhalation /, can cause nausea, an irritation of the respiratory tracts
4. 2. 2. Skin contact:	Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
4. 2. 3. Eyes contact:	Splashes in the eyes may cause irritation and reversible local damage.
4. 2. 4. Ingestion:	May cause nausea, vomiting, sore throat, stomach-ache and eventually a perforation of the intestine., vomiting
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

- |  |  |
|--|--|
| 5. 1. Extinguishing media:   | alcohol-resistant foam, carbon dioxide (CO2), powder, water spray.   |
| 5. 2. Special hazards arising from the substance or mixture:         | Be careful of explosion risk.<br>Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. |
| 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: | Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.   |
| 6. 2. Environmental precautions:   | Prevent liquid from entering sewers, watercourses, underground or low areas.   |
| 6. 3. Methods and material for containment and cleaning up:                | Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth<br>Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). |
| 6. 4. Reference to other sections:   | Concerning personal protective equipment to use, see item 8.<br>Concerning disposal elimination after cleaning, see item 13.   |

### 7. HANDLING AND STORAGE

- |   |  |
|---|--|
| 7. 1. Handling:                         |  |
| 7. 1. 1. Precautions for safe handling: | Smoking, eating and drinking is prohibited in areas of storage and use.<br>Avoid contact with skin and eyes.<br>For personal protection, see Section 8.<br>The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments. |
| 7. 1. 2. Technical condition(s):        | The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Avoid skin and eyes contact. Avoid inhalation of vapour and spray mist.   |
| 7. 2. Storage:                          |  |
| 7. 2. 1. Conditions for safe storage,   | No smoking. Prevent unauthorised access.   |

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including any incompatibilities:

7. 2. 2. Storage condition(s): Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Store at temperatures between 5°C and 50°C
7. 2. 3. Packaging / tank material: made of the same material as the supply container.
7. 3. Specific end use(s): None reasonably foreseeable.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:

8. 1. 1. Exposure limit(s): • Dioxyde de carbone : VME ppm = 5000 - VME mg/m<sup>3</sup> = 9000 - VLE ppm = 30000 - VLE mg/m<sup>3</sup> = 54000

8. 1. 2. Engineering measure(s): Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

8. 2. Exposure controls:

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

8. 2. 2. Hand protection: When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. nitrile rubber gloves

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

8. 2. 4. Eye protection: Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.

8. 2. 5. Recommended monitoring procedures: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

9. 1. 1. Appearance: aerosol: liquid + propellant gas no flammable

9. 1. 2. Colour: colourless

9. 1. 3. Odour: sweet

9. 1. 4. PH: 7

9. 1. 5. Boiling point/range: Not determined.

9. 1. 6. Flash point: 60°C

9. 1. 7. Explosion limits: Explosive limits are unknown in literature.

9. 1. 8. Relative density (water = 1): 0.8007 g/cm<sup>3</sup>

9. 1. 9. Viscosity: Not determined.

9. 2. Other information:

9. 2. 1. Water solubility: immiscible

9. 2. 2. Fat solubility: insoluble

9. 2. 3. Solvent solubility: soluble in most organic solvents

### 10. STABILITY AND REACTIVITY

10. 1. Reactivity: None under normal use.

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10. 2. Chemical stability:	Stable under the recommended storage and handling conditions. (See Section 7).
10. 3. Possibility of hazardous reactions:	Not waited
10. 4. Conditions to avoid:	Avoid temperature above 50°C Heating will cause rise in pressure with risk of bursting.
10. 5. Incompatible materials:	Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.
10. 6. Hazardous decomposition products:	Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide...

### 11. TOXICOLOGICAL INFORMATION

11. 1. Information on toxicological effects:	No available information on preparation.
11. 2. Acute toxicity:	
11. 2. 1. Inhalation:	Hdrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9) : OECD guiding line 403
11. 2. 2. Skin contact:	Hdrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9) : LD50/dermal/rabbit = > 2000 mg/kg OECD guiding line 402
11. 2. 3. Eyes contact:	No data available.
11. 2. 4. Ingestion:	Hdrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9) : LD50/oral/rat = > 5000 mg/kg

### 12. ECOLOGICAL INFORMATION

12. 1. Toxicity:	Ecological problems are not known or expected under normal use.
12. 2. Persistence and degradability:	Readily biodegradable.
12. 3. Bioaccumulative potential:	Cette préparation contient une substance UVCB. Les tests standards ne sont pas appropriés pour ce paramètre.
12. 4. Mobility in soil:	Cette préparation contient une substance UVCB. Les tests standards ne sont pas appropriés pour ce paramètre.
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. 7. General information(s):	There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

### 13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods:	Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Collect all waste in suitable and labelled containers and dispose according to local legislation.
13. 2. Contaminated packaging:	Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

### 14. TRANSPORT INFORMATION

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14. 1. General information(s):	Transport follow ed ADR, IMDG, IATA
14. 2. UN number:	1950
14. 3. Land (Road / Railw ay: ADR/RID):	
14. 3. 1. Transport hazard class(es):	2
14. 3. 2. ADR/RID-Labels:	2.2
14. 3. 3. Classification code:	5A
14. 4. Sea (IMDG):	
14. 5. Air (ICAO/IATA):	
14. 6. Environmental hazards:	non-hazardous products
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 l' recording, l' evaluation and l' authorization of chemical substances, as well as the restrictions applicable to these substances.... as modified.
15. 2. Chemical safety assessment:	No data available.
15. 3. Important remarks:	Do not pierce or burn, even after use. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not spray on a naked flame or any incandescent material. */-+ % by mass of the contents are flammable.

### 16. OTHER INFORMATION

16. 1. Text of the phrases listed in section 3:	H280 Contains gas under pressure; may explode if heated. H304 May be fatal if sw allow ed and enters airw ays. H302 Harmful if sw allow ed. H314 Causes severe skin burns and eye damage. H400 Very toxic to aquatic life. H317 May cause an allergic skin reaction. H315 Causes skin irritation. H411 Toxic to aquatic life w ith long lasting effects. H373 May cause damage to organs <or state all organs affected, if know n> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
16. 2. Important remarks:	As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied w ith. The user is alw ays responsible for ensuring that the requirements of relevant legislation are complied w ith. The information contained in this safety data sheet is based on the present state of know ledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.
16. 3. Restrictions:	The product should not be used for purposes other than those show n in Section 16 w ithout first referring to the supplier and obtaining w ritten handling instructions.
16. 4. History:	
16. 4. 1. First edition date:	09/05/2005
16. 4. 2. Previous revision date:	11/10/2012

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16. 4. 3. Review date:	15/07/2015
16. 4. 4. Version:	3
16. 4. 5. Review chapter(s) n°:	CLP
16. 5. Written by:	SELD