

# SAFETY DATA SHEET

## TPH Fleur de cuir

Version:7




Review date: 23/02/2015

RE EC/453/2010 - ISO 11014-1

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

1. 1. Product identifier: TPH Fleur de cuir
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Treatment Purifying Cockpit
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: MT052
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: \* Irr. oc. 2A / SGH07 - H319 \*  
\* Flam. Aerosol 2 / SGH02 - H223 \*
2. 2. EC number: Not applicable.
2. 3. Label elements (R - S):
- 
2. 3. 1. Symbol(s): F - Highly flammable
2. 3. 2. R-phrases(s): 10 Flammable.
2. 3. 3. S-phrases(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.  
51 Use only in well-ventilated areas.
2. 4. Label elements (CLP - SGH):
-  
- Warning Warning
2. 4. 1. Symbol(s): .
2. 4. 2. Hazard statement: H223 Flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.
2. 4. 3. Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P264 Wash Hands thoroughly after handling.  
P280 Wear protective gloves / protective clothing / eye protection / face protection.
2. 4. 4. Response: P305 IF IN EYES:  
P351 Rinse cautiously with water for several minutes.  
P338 Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice / attention.
2. 4. 5. Storage: P410 Protect from sunlight.  
P412 Do not expose to temperatures exceeding 50 °C / 122°F.

# SAFETY DATA SHEET

## TPH Fleur de cuir

Version:7

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RE EC/453/2010 - ISO 11014-1

2. 5. Further information(s): 92.149 % by mass of the contents are flammable.

2. 6. Other hazards: liquid Flammable.

### 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. (weight %) :  $5 < C \leq 10$
  - 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

- ethanol; ethyl alcohol
  - Id nr: 603-002-00-5 - CE nr: 200-578-6 - CAS nr: 64-17-5
  - REACH registration number : 01-2119457610-43-xxxx
  - Conc. (weight %) :  $15 < C \leq 20$
  - R-S :
  - Classification: • F; R 11 •
  - SGH :
  - \* SGH02 - Flame - Danger - Flam. Liq. 2 - H225
  - VME ppm = 1000 - VME mg/m<sup>3</sup> = 1900 - VLE ppm = 5000 - VLE mg/m<sup>3</sup> = 9500

- Méthylal
  - CE nr: 203-714-2 - CAS nr: 109-87-5
  - REACH registration number : 01-2119664781-31
  - Conc. (weight %) :  $70 < C \leq 80$
  - R-S :
  - Symbol(s): F - R-phrases(s): 11
  - SGH :
  - \* SGH02 - Flame - Danger - Flam. Liq. 2 - H225
  - Miscellaneous :
  - LD50 / Dermal / Rabbit = > 5000 mg/kg
  - LD50 / Oral / Rat = 6423 mg/kg
  - LD50 / Oral / Mouse = 6950 mg/kg
  - LC50 / 96h / Fish = >1000 mg/l
  - LC50 / 48h / Daphnia magna = >1200 mg/l
  - LC50 / Inhalation (vapours) / Rat = 15000 mg/kg

- VME ppm = 1000 - VME mg/m<sup>3</sup> = 3110

- Chlorure d'alkyl (C12/14) dimethyl ethyl benzyl ammonium
  - CAS nr: 85409-23-0
  - Conc. (weight %) :  $0 < C \leq 1$
  - R-S :
  - Symbol(s): Xn C N - R-phrases(s): 34-22-50
  - SGH :

\* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H302 \* SGH05 - Corrosion - Danger - Skin Corr. 1B - H314 - Eye Dam. 1 - H318

\* SGH09 - Environment - Warning - Aquatic Acute 1 - H400

- Chlorure de N-Alkyl (C12-18)-N-benzyl-N,N-diméthylammonium
  - CAS nr: 68391-01-5
  - Conc. (weight %) :  $0 < C \leq 1$
  - R-S :
  - Symbol(s): C N - R-phrases(s): 34-22-50
  - SGH :

\* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H302 \* SGH05 - Corrosion - Danger - Skin Corr. 1B - H314 - Eye Dam. 1 - H318

\* SGH09 - Environment - Warning - Aquatic Acute 1 - H400

# SAFETY DATA SHEET

## TPH Fleur de cuir

Version:7

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RE EC/453/2010 - ISO 11014-1

- HEXYL2-HYDROXYBENZOATE

- CE nr: 228-408-6 - CAS nr: 6259-76-3

- Conc. (weight %) : 0 < C ≤ 1

- R-S :

- Symbol(s): Xi N - R-phrased(s): 38-50/53

- SGH :

- \* SGH07 - Exclamation mark - Warning - Skin Irrit. 2 - H315

- \* SGH09 - Environment - Warning - Aquatic Acute 1 - H400 - Aquatic. Chronic 1 - H410

- 2,6-DIMETHYL-7-OCTEN-2-OL

- CE nr: 242-362-4 - CAS nr: 18479-58-8

- Conc. (weight %) : 0 < C ≤ 1

- R-S :

- Symbol(s): Xi - R-phrased(s): 36-38

- SGH :

- \* SGH07 - Exclamation mark - Warning - Skin Irrit. 2 - H315 - Irr. oc. 2 - H319 - Irr. oc. 2A

- ACETYLCEDRENE(MAINCOMPONENT)

- CE nr: 251-020-3 - CAS nr: 32388-55-9

- Conc. (weight %) : 0 < C ≤ 1

- R-S :

- Symbol(s): N - R-phrased(s): 50/53

- SGH :

- \* SGH09 - Environment - Warning - Aquatic Acute 1 - H400 - Aquatic. Chronic 1 - H410

- OTNE

- CAS nr: 54464-57-2

- Conc. (weight %) : 0 < C ≤ 1

- R-S :

- Symbol(s): N - R-phrased(s): 51-53

- SGH :

- \* Aquatic Acute 2 - H401(\*) \* SGH09 - Environment - Warning - Aquatic. Chronic 1 - H410

- Coumarin

- CAS nr: 91-64-5

- Conc. (weight %) : 0 < C ≤ 1

- R-S :

- Symbol(s): Xn Xi - R-phrased(s): 22-43

- SGH :

- \* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H302 - Skin Sens. 1 - H317

- BENZYL2-HYDROXYBENZOATE

- CE nr: 204-262-9 - CAS nr: 118-58-1

- Conc. (weight %) : 0 < C ≤ 1

- R-S :

- Symbol(s): Xi N - R-phrased(s): 43-51/53

- SGH :

- \* SGH07 - Exclamation mark - Warning - Skin Sens. 1 - H317

- \* Aquatic Acute 2 - H401(\*) \* SGH09 - Environment - Warning - Aquatic. Chronic 1 - H410

- Lilial

- CAS nr: 80-54-6

- Conc. (weight %) : 0 < C ≤ 1

- R-S :

- Symbol(s): Xn Xi N - R-phrased(s): 22-62-51/53-38-43

- SGH :

# SAFETY DATA SHEET

## TPH Fleur de cuir

Version:7

Review date:23/02/2015

RE EC/453/2010 - ISO 11014-1

\* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H302 - Skin Sens. 1 - H317 - Skin Irrit. 2 - H315 \* SGH08 - Health hazard - Repr. 2 - H361  
\* Aquatic Acute 2 - H401(\*) \* SGH09 - Environment - Warning - Aquatic. Chronic 1 - H410

• IONONE,METHYL-  
- CE nr: 215-635-0 - CAS nr: 1335-46-2  
- Conc. (weight %) : 0 < C ≤ 1  
- R-S :  
- R-phrase(s): 51/53  
- SGH :  
\* Aquatic Acute 2 - H401(\*) \* SGH09 - Environment - Warning - Aquatic. Chronic 1 - H410

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.<br>Never give anything by mouth to an unconscious person.                        |
| 4. 1. 2. Inhalation:     | Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.   |
| 4. 1. 3. Skin contact:   | Wash off immediately with soap and plenty of water.   |
| 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. |
| 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:   | Alcool éthylique (N° cas : 64-17-5)<br>LC50/inhalation/ rat > 20 mg/l<br><br>Dimethoxymethane (N° cas : 109-87-5)<br>LC50/inhalation/ rat = 1500 mg/l     |
| 4. 2. 2. Skin contact: | Alcool éthylique (N° cas : 64-17-5)<br>LD50/dermal/rabbit = > 2000 mg/kg<br><br>Dimethoxymethane (N° cas : 109-87-5)<br>LD50/dermal/rabbit = > 5000 mg/kg |
| 4. 2. 3. Eyes contact: | No data available.  |
| 4. 2. 4. Ingestion:    | Alcool éthylique (N° cas : 64-17-5)<br>LD50/oral/rat = > 2000 mg/kg<br><br>Dimethoxymethane (N° cas : 109-87-5)<br>LD50/oral/rat = 6423 mg/kg             |

#### 4. 3. Indication of any immediate medical attention and special treatment needed :

No data available.

### 5. FIREFIGHTING MEASURES

- |                            |  |
|----------------------------|--|
| 5. 1. Extinguishing media: | carbon dioxide (CO <sub>2</sub> ), powder, alcohol-resistant foam. |
|----------------------------|--|

# SAFETY DATA SHEET

## TPH Fleur de cuir

Version:7

Review date: 23/02/2015

RE EC/453/2010 - ISO 11014-1

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|--|---|
| 5. 2. Special hazards arising from the substance or mixture:         | Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.<br>Fire will produce dense black smoke. |
| 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 Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). |
| 6. 4. Reference to other sections:   | 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>Ensure adequate ventilation.<br>For personal protection, see Section 8.  |
| 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.<br>Electrical equipment should be protected to the appropriate standard. |
| 7. 2. Storage:   |   |
| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | No smoking. Prevent unauthorised access.  |
| 7. 2. 2. Storage condition(s):   | Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.  |
| 7. 2. 3. Separation of incompatible product(s):                        | Remove all sources of ignition.   |
| 7. 2. 4. Packaging / tank material:                                    | made of the same material as the supply container.  |
| 7. 3. Specific end use(s):   | No data available.  |

### 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<br>• ethanol; ethyl alcohol : VME ppm = 1000 - VME mg/m <sup>3</sup> = 1900 - VLE ppm = 5000 - VLE mg/m <sup>3</sup> = 9500<br>• Méthylal : VME ppm = 1000 - VME mg/m <sup>3</sup> = 3110 |
| 8. 1. 2. Engineering measure(s): | Ensure adequate ventilation, especially in confined areas.   |
| 8. 2. Exposure controls:         |  |
| 8. 2. 1. Respiratory protection: | Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit   |

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## TPH Fleur de cuir

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RE EC/453/2010 - ISO 11014-1

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|------------------------------------|--|
| 8. 2. 2. Hand protection:          | Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.<br>butyl rubber gloves |
| 8. 2. 3. Skin and body protection: | Wear suitable protective clothing  |
| 8. 2. 4. Eye protection:           | Eye protection designed to protect against liquid splashes 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:                       | clear and colourless                          |
| 9. 1. 3. Odour:                        | leather flower                                |
| 9. 1. 4. PH:                           | Not applicable.                               |
| 9. 1. 5. Boiling point/range:          | Not determined.                               |
| 9. 1. 6. Flash point:                  | PE<21°C                                       |
| 9. 1. 7. Explosion limits:             | 1,1 -13 volume %                              |
| 9. 1. 8. Relative density (water = 1): | <1  |
| 9. 1. 9. Viscosity:                    | Not determined.                               |

#### 9. 2. Other information:

- |                              |                    |
|------------------------------|--------------------|
| 9. 2. 1. Water solubility:   | yes                |
| 9. 2. 2. Fat solubility:     | Not applicable.    |
| 9. 2. 3. Solvent solubility: | completely soluble |

#### 9. 3. Other information:

Chemical heat of combustion: 24.63 KJ/g  
Outdistance of ignition: 15 cm

### 10. STABILITY AND REACTIVITY

- |  |  |
|--|--|
| 10. 1. Reactivity:                         | No data available.   |
| 10. 2. Chemical stability:                 | Stable under the recommended storage and handling conditions. (See Section 7).   |
| 10. 3. Possibility of hazardous reactions: | Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide                     |
| 10. 4. Conditions to avoid:                | Avoid temperature above 50°C   |
| 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: | There is no data available on the product itself. |
| 11. 2. Acute toxicity:                       |   |
| 11. 2. 1. Inhalation:                        | see item nr 3                                     |
| 11. 2. 2. Skin contact:                      | see item nr 3                                     |
| 11. 2. 3. Eyes contact:                      | see item nr 3                                     |
| 11. 2. 4. Ingestion:                         | see item nr 3                                     |

# SAFETY DATA SHEET

## TPH Fleur de cuir

Version:7

Review date: 23/02/2015

RE EC/453/2010 - ISO 11014-1

### 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: None bioaccumulation.  
Log Pow < 1
12. 4. Mobility in soil: No data available.
12. 5. Results of PBT and vPvB assessment: No data available.
12. 6. Other adverse effects: No data available.
12. 6. 1. Toxicity to fish: QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-18-ALKYLDIMETHYL, CHLORIDES :  
Daphnia magna : CL50-48H =
- Alcool éthylique (N° cas : 64-17-5)  
LC50/48h/guppy = > 100 mg/l  
Daphnia magna : CL50-48H = > 100 mg/l  
ErL50 (72h) = 5000 mg/l
- Dimethoxymethane (N° cas : 109-87-5)  
LC50/96h/guppy = > 1000 mg/l  
Daphnia magna : CL50-48H = > 1200 mg/l
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: Collect all waste in suitable and labelled containers and dispose according to local legislation.
13. 2. Contaminated packaging: 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: 1950
14. 2. 1. UN proper shipping name: AEROSOLS
14. 3. Land (Road / Railway: ADR/RID):
14. 3. 1. Transport hazard class(es): 2
14. 3. 2. ADR/RID-Labels: 2.1
14. 3. 3. Classification code: 5F
14. 3. 4. Packing instructions: LQ2
14. 4. Sea (IMDG):
14. 4. 1. Class: SP63
14. 4. 2. EmS number: F-D, S-U
14. 4. 3. IMDG-Label(s): SP63
14. 5. Air (ICAO/IATA):
14. 5. 1. ICAO/IATA class: 2.1
14. 5. 2. Important remarks: A145, A167

# SAFETY DATA SHEET

## TPH Fleur de cuir

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RE EC/453/2010 - ISO 11014-1

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|---|--|
| 14. 6. Environmental hazards:   | No special environmental precautions required.               |
| 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: | Biocide labelling (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/CE:<br>QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL[(ETHYLPHENYL)METHYL]DIMETHYL-, CHLORIDES N° CAS 85409-23-0 , 0.50 g/kg, TP 02<br>QUATERNARY AMMONIUMVERBINDINGEN, BENZYL-C12-18-ALKYLDIMETHYL-, CHLORIDEN N° CAS 68391-01-5 , 0.50 g/kg, TP 02 |
| 15. 2. Chemical safety assessment:   | Not applicable.  |

### 16. OTHER INFORMATION

- |   |  |
|---|--|
| 16. 1. Text of the phrases listed in section 3: | H280 Contains gas under pressure; may explode if heated.<br>H225 Highly flammable liquid and vapour.<br>H302 Harmful if swallowed.<br>H314 Causes severe skin burns and eye damage.<br>H318 Causes serious eye damage.<br>H400 Very toxic to aquatic life.<br>H315 Causes skin irritation.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H319 Causes serious eye irritation.<br>H401 Toxic to aquatic organisms.<br>H317 May cause an allergic skin reaction.<br>H361 Suspected of damaging fertility or the unborn child <state specific effect if known><br><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 with.<br>The user is always responsible for ensuring that the requirements of relevant legislation are complied with.<br>The information contained in this safety data sheet is based on the present state of knowledge 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:                            | This information relates to the specific material designated and may not be valid in combination with other product(s).  |
| 16. 4. History:                                 |  |
| 16. 4. 1. First edition date:                   | 9/02/2007  |
| 16. 4. 2. Previous revision date:               | 10/19/2011   |
| 16. 4. 3. Review date:                          | 23/02/2015   |
| 16. 4. 4. Version:                              | 7  |
| 16. 4. 5. Review chapter(s) n°:                 | CLP  |
| 16. 5. Written by:                              | SELD   |