

SAFETY DATA SHEET

SUPER FIOUL

Version:2




Review date:07/09/2015

RE EC/830/2015 - ISO 11014-1

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

1. 1. Product identifier: SUPER FIOUL
1. 1. 1. Contains:
 - HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - solvant naphta aromatique lourde
 - Kerosine (petroleum); Straight run kerosine
1. 1. 2. EC number: Not applicable.
1. 2. Relevant identified uses of the substance or mixture and uses advised against: Catalyst of combustion for fuels of thermal use
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
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1. 5. Product code nr: 181 - - -

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Asp. Tox. 1 / SGH08 - H304 *
* STOT SE 3 / SGH07 - H335 *
* Aquatic. Chronic 2 / SGH09 - H411 *
2. 2. Label elements:
-   
Danger - -
2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Hazard statement: H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
H335 May cause respiratory irritation.
2. 2. 3. Prevention: P273 Avoid release to the environment.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P271 Use only outdoors or in a well-ventilated area.
2. 2. 4. Response: P301 IF SWALLOWED:
P310a Immediately call a POISON CENTER / doctor.
P331 Do NOT induce vomiting.
P391 Collect spillage.
P304 IF INHALED:
P340 Remove person to fresh air and keep comfortable for breathing.
P312a Call a POISON CENTER / doctor if you feel unwell.
2. 2. 5. Storage: P405 Store locked up.
P403 Store in a well-ventilated place.
P233 Keep container tightly closed.
2. 2. 6. Disposal: P501a Dispose of contents / container in accordance with local / regional / national / international regulation

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SUPER FIOUL

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RE EC/830/2015 - ISO 11014-1

2. 3. Most important hazards: Irritating to eyes and skin.
2. 4. Other hazards: Affect many plastics.
React with strong acids and oxidising compounds.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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. (weight %) : 60 < C <= 70
- 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.

- solvant naphta aromatique lourd

- CAS nr: .64742-94-5

- REACH registration number : 01-2119463583-34-xxx

- Conc. (weight %) : 25 < C <= 30

- SGH :

* SGH07 - Exclamation mark - Warning - STOT SE 3 - H336 * SGH08 - Health hazard - Danger - Asp. Tox. 1 - H304

* SGH09 - Environment - Aquatic. Chronic 2 - H411

- naphthalene

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

- Conc. (weight %) : 1 < C <= 5

- SGH :

* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H302 * SGH08 - Health hazard - Carc. 2 - H351

* SGH09 - Environment - Warning - Aquatic. Chronic 1 - H410

- Miscellaneous :

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

- Ferrocene

- CAS nr: 102-54-5

- Conc. (weight %) : 1 < C <= 5

- SGH :

* SGH07 - Exclamation mark - Warning - Acute Tox. 4 - H302

- Miscellaneous :

VME mg/m³ = 10

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.

SAFETY DATA SHEET

SUPER FIOUL

Version:2

Review date:07/09/2015

RE EC/830/2015 - ISO 11014-1

4. 1. 3. Skin contact:	- Artificial respiration and/or oxygen if necessary. - 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)
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

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. Concerning personal protective equipment to use, see item 8.
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. Concerning disposal elimination after cleaning, see item 13.
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. (see item nr 13)
6. 4. Reference to other sections:	Concerning personal protective equipment to use, see item 8. Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.

SAFETY DATA SHEET

SUPER FIOUL

Version:2

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RE EC/830/2015 - ISO 11014-1

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 materials:

- Avoid certain plastics which are soluble in product.
- 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 •
Ferrocene : VME mg/m³ = 10

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:

brown

9. 1. 3. Odour:

characteristic

9. 1. 4. PH:

Not applicable.

9. 1. 5. Boiling point/range:

>185 °C

SAFETY DATA SHEET

SUPER FIOUL

Version:2

Review date:07/09/2015

RE EC/830/2015 - ISO 11014-1

9. 1. 6. Flash point:	> 62 °C
9. 1. 7. Auto-ignition temperature:	> 450°C
9. 1. 8. Explosion limits:	No data available.
9. 1. 9. Relative density (w ater = 1):	0.8955
9. 2. Other information:	
9. 2. 1. Water solubility:	< 0.10 %
9. 2. 2. Fat solubility:	Not applicable.
9. 2. 3. Solvent solubility:	soluble in most organic solvents Soluble in hydrocarbons

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 w aited
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 w hich 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

11. 1. Information on toxicological effects:	No available information on preparation.
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:	^0010001 3
11. 3. Sensitisation:	May cause sensitisation of susceptible persons by skin contact.

12. ECOLOGICAL INFORMATION

12. 1. Toxicity:	May be dangerous for environment.
12. 2. Persistence and degradability:	Readily biodegradable.
12. 3. Bioaccumulative potential:	Cette préparation contient une sustance UVCB. Les tests standards ne sont pas appropriés pour ce paramètre.
12. 4. Mobility in soil:	The substance is a UVCB. The standard tests are not adapted for this parameter.
12. 5. Results of PBT and vPvB assessment:	This product n' is not a substance PBT or vPvB, or n' in does not contain.
12. 6. Other adverse effects:	No expected harmful effects.

13. DISPOSAL CONSIDERATIONS

SAFETY DATA SHEET

SUPER FIOUL

Version:2

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RE EC/830/2015 - ISO 11014-1

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|---------------------------------|--|
| 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 uitsluitend bedoeld only to 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: | 3082 |
| 14. 3. Land (Road / Railway: ADR/RID): | |
| 14. 3. 1. Transport hazard class(es): | 9 |
| 14. 3. 2. Packing group: | III |
| 14. 3. 3. ADR/RID-Labels: | 9 |
| 14. 3. 4. Code danger: | 90 |
| 14. 3. 5. Classification code: | M6 |
| 14. 3. 6. Packing instructions: | P001, IBC03, LP01, R001 |
| 14. 4. Sea (IMDG): | |
| 14. 5. Air (ICAO/IATA): | |
| 14. 6. Environmental hazards: | May cause long-term injurious effects in the aquatic environment. |
| 14. 7. Special precautions for user: | see item nr 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 (EC) n°1272/2008 [relating to classification, labelling and with packing of the substances and the mixtures. and amendments with this payment |
| 15. 2. Chemical safety assessment: | No data available. |

16. OTHER INFORMATION

- | | |
|---|--|
| 16. 1. Text of the phrases listed in section 3: | H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H302 Harmful if swallowed.
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. |
| 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). |

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RE EC/830/2015 - ISO 11014-1

16. 4. History:

16. 4. 1. First edition date:	09/09/2005
16. 4. 2. Previous revision date:	20/09/2010
16. 4. 3. Review date:	07/09/2015
16. 4. 4. Version:	2
16. 4. 5. Review chapter(s) n°:	CLP
16. 5. Written by:	SELD