

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date:9/04/2021

RE EC/2016-918 - CLP 1272/2008

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

1. 1. Preparation name: TC1 ESSENCE
1. 1. 1. Contains:
 - HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - Hydrocarbons, C10, aromatics, >1% naphthalène
 - Hydrocarbons, C10, aromatics, <1% naphthalene
 - cumene [1]; propylbenzene [2]
1. 1. 2. Product code nr: MT001
1. 1. 3. Other means of identification: UFI : 8200-009C-P00K-UDSG
1. 2. 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@seld-production.com
1. 3. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131
1. 4. Relevant identified uses of the substance or mixture and uses advised against: Additives carburizing for gasoline vehicle

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Asp. Tox. 1 / GHS08 - H304 *
* Aquatic. Chronic 3 / H412 *
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% naphthalène
 - Hydrocarbons, C10, aromatics, <1% naphthalene
 - cumene [1]; propylbenzene [2]
2. 2. 3. Hazard statement: H304 May be fatal if swallowed and enters airways.
H412 Harmful 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.
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: 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 %) : Conc. (% pds) : % 80 < C ≤ 90

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date: 9/04/2021

RE EC/2016-918 - CLP 1272/2008

- GHS (Globally Harmonized System)
* GHS08 * Tox. asp. 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.

• Hydrocarbons, C10, aromatics, >1% naphtalène
- CE nr: 919-284-0
- REACH registration number : 01-2119463588-24
- Conc. (weight %) : Conc. (% pds) : % 5 < C <= 10
- GHS (Globally Harmonized System)
* GHS07 * STOT un. 3. - H336
* GHS08 * Tox. asp. 1 - H304 * Canc. 2 - H351
* GHS09 * Tox. aq. chron. 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
LC50 / Inhalation (vapours) / Rat = >4688 mg/m3
Additional phrase(s)
EUH 066 - Repeated exposure may cause skin dryness or cracking.

• propan-2-ol; isopropyl alcohol; isopropanol
- Id nr: 603-117-00-0 - CE nr: 200-661-7 - CAS nr: 67-63-0
- REACH registration number : 01-2119457558-25-XXXX
- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 5
- GHS (Globally Harmonized System)
* GHS02 * Liq. infl. 2 - H225
* GHS07 * STOT un. 3. - H336 * Irr. oc. 2 - H319
- Miscellaneous :
LD50 / Dermal / Rabbit = 13900 mg/kg
LD50 / Oral / Rat = 5840 mg/kg
LC50 / 24h / Shellfishes = 9714 mg/l
LC50 / 96h / Fish = 9640 mg/l
LC50 / Inhalation (vapours) / 6h / Rat = >25000 mg/l
Exposure limit values
T.L.V. ppm = 250 - T.L.V. mg/m³ = 650

• polyolefin alkyl phenol alkylamine
- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 5
- GHS (Globally Harmonized System)
* GHS07 * Irr. cut. 2 - H315 * Irr. oc. 2 - H319 * Irr. oc. 2A

• Hydrocarbons, C10, aromatics, <1% naphthalene
- CE nr: 918-811-1
- REACH registration number : 01-2119463583-34
- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 5
- GHS (Globally Harmonized System)
* GHS07 * STOT un. 3. - H336
* GHS08 * Tox. asp. 1 - H304
* GHS09 * Tox. aq. chron. 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

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date:9/04/2021

RE EC/2016-918 - CLP 1272/2008

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)

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

• cumene [1]; propylbenzene [2]

- Id nr: 601-024-00-X - CE nr: 202-704-5 - CAS nr: 98-82-8

- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 1

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

* GHS07 * STOT un. 3 - H335

* GHS08 * Tox. asp. 1 - H304

* GHS09 * Tox. aq. chron. 2 - H411

- Miscellaneous :

Exposure limit values

T.L.V. ppm = 20 - T.L.V. mg/m³ = 100 - S.T.E.L ppm = 50 - S.T.E.L mg/m³ = 250

• naphthalene

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

- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 1

- GHS (Globally Harmonized System)

* GHS07 * Tox. aiguë 4 - H302

* GHS08 * Canc. 2 - H351

* GHS09 * Tox. aq. chron. 1 - H410

- Miscellaneous :

Exposure limit values

T.L.V. ppm = 10 - T.L.V. mg/m³ = 50 - S.T.E.L ppm = 15 - S.T.E.L mg/m³ = 79

• mesitylene; 1,3,5-trimethylbenzene

- Id nr: 601-025-00-5 - CE nr: 203-604-4 - CAS nr: 108-67-8

- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 1

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

* GHS07 * STOT un. 3 - H335

* GHS09 * Tox. aq. chron. 2 - H411

Remarks:(STOT SE 3; H335; C >= 25%)

- Miscellaneous :

Exposure limit values

T.L.V. ppm = 20 - T.L.V. mg/m³ = 100

• 1,2,4-trimethylbenzene

- Id nr: 601-043-00-3 - CE nr: 202-436-9 - CAS nr: 95-63-6

- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 1

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

* GHS07 * Tox. aiguë 4 - H332 * STOT un. 3 - H335 * Irr. cut. 2 - H315 * Irr. oc. 2 - H319

* GHS09 * Tox. aq. chron. 2 - H411

- Miscellaneous :

Exposure limit values

T.L.V. ppm = 20 - T.L.V. mg/m³ = 100

• o-xylene [1]; p-xylene [2]; m-xylene [3]; xylene [4]

- Id nr: 601-022-00-9 - CE nr: 215-535-7 - CAS nr: 1330-20-7

- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 1

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

* GHS07 * Tox. aiguë 4 - H312 - H332 * Irr. cut. 2 - H315

Remarks:(*)

- Miscellaneous :

Exposure limit values

T.L.V. ppm = 50 - T.L.V. mg/m³ = 221 - S.T.E.L ppm = 100 - S.T.E.L mg/m³ = 442

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date: 9/04/2021

RE EC/2016-918 - CLP 1272/2008

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: - Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately 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:

skin irritation

4. 2. 1. Inhalation: Irritating to the respiratory system, may cause throat pain and cough.
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 (CO₂), 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 in:: toxic compounds, carbon oxides (CO and CO₂), 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.

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date: 9/04/2021

RE EC/2016-918 - CLP 1272/2008

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| 6. 2. Environmental precautions: | Stop leak without risks if possible.
Dike and contain spill.
Prevent liquid from entering sewers, watercourses, underground or low areas. |
| 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. |
| 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

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| 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. |
| 7. 2. Storage: | |
| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | Store always product in container of same material as original container. Keep out of the reach of children. |
| 7. 2. 2. Storage condition(s): | Keep container tightly closed and at a temperature not exceeding (°C): 50°C
Keep away from sources of ignition - No smoking.
Store away from direct sunlight or other heat sources.
Keep container in a well ventilated place. |
| 7. 2. 3. Separation of incompatible product(s): | Keep away from: strong acids, and oxidising compounds. |
| 7. 2. 4. Packaging / tank material: | made of the same material as the supply container. |
| 7. 2. 5. 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): | <ul style="list-style-type: none">• propan-2-ol; isopropyl alcohol; isopropanol :
T.L.V. ppm = 250 - T.L.V. mg/m³ = 650• cumene [1]; propylbenzene [2] :
T.L.V. ppm = 20 - T.L.V. mg/m³ = 100 - S.T.E.L ppm = 50 - S.T.E.L mg/m³ = 250• naphthalene :
T.L.V. ppm = 10 - T.L.V. mg/m³ = 50 - S.T.E.L ppm = 15 - S.T.E.L mg/m³ = 79• mesitylene; 1,3,5-trimethylbenzene :
T.L.V. ppm = 20 - T.L.V. mg/m³ = 100• 1,2,4-trimethylbenzene :
T.L.V. ppm = 20 - T.L.V. mg/m³ = 100• o-xylene [1]; p-xylene [2]; m-xylene [3]; xylene [4] :
T.L.V. ppm = 50 - T.L.V. mg/m³ = 221 - S.T.E.L ppm = 100 - S.T.E.L mg/m³ = 442 |
| 8. 2. Exposure controls: | |
| 8. 2. 1. Appropriate engineering controls: | Ensure adequate ventilation, especially in confined areas.
To protect against splashes from pouring. |
| 8. 2. 2. Eye protection: | safety glasses or face shield |

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date: 9/04/2021

RE EC/2016-918 - CLP 1272/2008

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| 8. 2. 3. Respiratory protection: | No personal breathing protective equipment is normally required. |
| 8. 2. 4. Hand protection: | nitrile rubber gloves |
| 8. 2. 5. Skin and body protection: | Wear suitable protective clothing |
| 8. 3. Environmental exposure controls: | ???? |
| 8. 4. 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:

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| 9. 1. 1. Physical state: | liquid |
| 9. 1. 2. Colour: | amber |
| 9. 1. 3. Odour: | characteristic, strong |
| 9. 1. 4. Melting point / freezing point: | There is no data available on the product itself. |
| 9. 1. 5. Boiling point or initial boiling point and boiling range: | >185 °C |
| 9. 1. 6. Flammability: | There is no data available on the product itself. |
| 9. 1. 7. Lower and upper explosion limit: | 0.6 à 7% |
| 9. 1. 8. Flash point: | > 62 °C |
| 9. 1. 9. Auto-ignition temperature: | There is no data available on the product itself. |
| 9. 1. 10. Decomposition temperature: | There is no data available on the product itself. |
| 9. 1. 11. PH: | Not applicable. |
| 9. 1. 12. Solubility: | There is no data available on the product itself. |
| 9. 1. 13. Water solubility: | insoluble |
| 9. 1. 14. Fat solubility: | partly soluble |
| 9. 1. 15. Solvent solubility: | soluble in most organic solvents |
| 9. 1. 16. Partition coefficient n-octanol/water (log value): | There is no data available on the product itself. |
| 9. 1. 17. Vapour pressure: | There is no data available on the product itself. |
| 9. 1. 18. Relative vapour density: | There is no data available on the product itself. |
| 9. 1. 19. Density and/or relative density: | 0.814 |
| 9. 1. 20. Particle characteristics: | There is no data available on the product itself. |
| 9. 1. 21. Kinematic viscosity: | <0.10% |
| 9. 2. Other information: | |

10. STABILITY AND REACTIVITY

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| 10. 1. Reactivity: | No decomposition if stored normally. |
| 10. 2. Chemical stability: | Stable in use and storage conditions as recommended in item 7. |
| 10. 3. Possibility of hazardous reactions: | None reasonably foreseeable. |
| 10. 4. Conditions to avoid: | Do not expose at temperatures above 50°C |

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date:9/04/2021

RE EC/2016-918 - CLP 1272/2008

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| 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

- | | |
|--|---|
| 11. 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008: | There is no data available on the product itself. |
| 11. 1. 1. Inhalation: | see item nr 3 :
- Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9)
:
- Isopropanol |
| 11. 1. 2. Skin contact: | see item nr 3
- Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9)
:
- Isopropanol |
| 11. 1. 3. Eyes contact: | No data available. |
| 11. 1. 4. Ingestion: | see item nr 3
- Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9)
:
- Isopropanol |
| 11. 1. 5. Sensitisation: | No sensitisation responses were observed. |

12. ECOLOGICAL INFORMATION

- | | |
|--|---|
| 12. 1. Toxicity: | There is no data available on the product itself. |
| 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 n' is not a substance PBT or vPvB, or n' in does not contain. |
| 12. 6. Endocrine disrupting properties: | There is no data available on the product itself. |
| 12. 7. Other adverse effects: | There is no data available on the product itself. |
| 12. 7. 1. Toxicity to fish: | see item nr 3
- Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9)
: 3
- Isopropanol |

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. |
| 13. 2. Contaminated packaging: | Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.
Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental |

SAFETY DATA SHEET

TC1 ESSENCE

Version:9

Review date: 9/04/2021

RE EC/2016-918 - CLP 1272/2008

Protection Act.

14. TRANSPORT INFORMATION

14. 1. General information(s): Transport follow ed ADR, IMDG, IATA
14. 2. UN number or ID number: .
14. 6. Environmental hazards: Avoid release to the environment.
14. 7. Special precautions for user: Concerning personal protective equipment to use, see item 8.
14. 8. Maritime transport in bulk according to IMO instruments: Not applicable.

15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: Payment 1907/2006 concerning I' recording, I' evaluation and I' 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:
- H304 May be fatal if sw allow ed and enters airw ays.
H225 Highly flammable liquid and vapour.
H336 May cause drow siness or dizziness.
H319 Causes serious eye irritation.
H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H411 Toxic to aquatic life w ith long lasting effects.
H312 Harmful in contact w ith skin.
H302 Harmful if sw allow ed.
H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routs of exposure cause the hazard>.
H410 Very toxic to aquatic life w ith long lasting effects.
16. 2. Important remarks:
- Information in this safety data sheet is based on actual know ledge 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 otherw ise 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: 4/10/2019
16. 4. 3. Review date: 9/04/2021
16. 4. 4. Version: 9
16. 4. 5. Review chapter(s) n°: 1-9
16. 5. Written by: SELD