

SAFETY DATA SHEET

MTC

Version:2

Review date: 5/09/2018

RE EC/2016-918 - CLP 1272/2008

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

1. 1. Product identifier: MTC
1. 1. 1. Contains:
 - isotridécaneol, éthoxylé (>5-20 EO)
 - Sel de sodium de l'acide éthylènediaminetétracétique
1. 1. 2. EC number: Not applicable.
1. 2. Relevant identified uses of the substance or mixture and uses advised against: For more information, to consult the chart.
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@seld-production.com
1. 4. Emergency telephone number: .
UK - National Poisons Information Service Phone: 44 / 191 22 5131
. . .
1. 5. Product code nr: MT202

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Skin Irrit. 2 / GHS07 - H315 *
* Eye Dam. 1 / GHS05 - H318 *
2. 2. Label elements:
- 
- Danger
2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Contains:
 - isotridécaneol, éthoxylé (>5-20 EO)
 - Sel de sodium de l'acide éthylènediaminetétracétique
2. 2. 3. Hazard statement: H315 Causes skin irritation.
H318 Causes serious eye damage.
2. 2. 4. Prevention: P264 Wash Hands thoroughly after handling.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
2. 2. 5. Response: P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321a Specific treatment (see item nr 4.3.).
P332+P313 If skin irritation occurs: Get medical advice / attention.
P362 Take off contaminated clothing.
P364 And wash it before reuse.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P310a Immediately call a POISON CENTER / doctor.
2. 3. Other hazards: Product can accumulate electrostatic charges that may cause fire by electrical discharges.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:
 - 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve
 - CE nr: 203-905-0 - CAS nr: .111-76-2
 - REACH registration number : 01-2119475108-36-XXXX
 - Conc. (w eight %) :Conc. (% pds) : % 1 < C ≤ 5

SAFETY DATA SHEET

MTC

Version:2

Review date: 5/09/2018

RE EC/2016-918 - CLP 1272/2008

- GHS (Globally Harmonized System)
* GHS07 * Tox. aiguë 4 - H302 - H312 - H332 * Irr. cut. 2 - H315 * Irr. oc. 2 - H319 * Irr. oc. 2A
- Miscellaneous :
Exposure limit values
T.L.V. ppm = 20 - T.L.V. mg/m³ = 98 - S.T.E.L ppm = 50 - S.T.E.L mg/m³ = 246

• isotridécaneol, éthoxylé (>5-20 EO)
- CAS nr: 69011-36-5
- Conc. (weight %) : Conc. (% pds) : % 1 < C ≤ 5
- GHS (Globally Harmonized System)
* GHS07 * Tox. aiguë 4 - H302
* GHS05 * Lés. oc. 1 - H318
- Miscellaneous :
LD50 / Dermal / Rat = 2000 mg/kg
LD50 / Oral / Rat = 200 - 2000 mg/kg
LC50 / 96h / Fish = 1 - 10 mg/l
CE50 / 72h / Algae = 1 - 10 mg/l
CE50 / 48h / Daphnia magna = 1 - 10 mg/l

• Ethanol; Ethylic alcohol
- CE nr: 200-578-6 - CAS nr: .64-17-5
- REACH registration number : 01-2119457610-43-xxxx
- Conc. (weight %) : Conc. (% pds) : % 1 < C ≤ 5
- GHS (Globally Harmonized System)
* GHS02 * Liq. infl. 2 - H225
* GHS07 * Irr. oc. 2 - H319
- Miscellaneous :
LD50 / Skin contact / Rabbit = >2000 mg/kg
LD50 / Oral / Rat = > 2000 mg/kg
LC50 / 48h / Fish = >100 mg/l
LC50 / Inhalation (vapours) / 4h / Rat = >20 mg/l
CE50 / / Algae = 5000 mg/l
CE50 / / Bacteria = 6500 mg/l
CE50 / 24h / Daphnia magna = >100 mg/l

• 1-methoxy-2-propanol; monopropylene glycol methyl ether
- Id nr: 603-064-00-3 - CE nr: 203-539-1 - CAS nr: 107-98-2
- Conc. (weight %) : Conc. (% pds) : % 1 < C ≤ 5
- GHS (Globally Harmonized System)
* GHS02 * Liq. infl. 3 - H226
* GHS07 * STOT un. 3. - H336
- Miscellaneous :
Exposure limit values
T.L.V. ppm = 100 - T.L.V. mg/m³ = 375 - S.T.E.L ppm = 150 - S.T.E.L mg/m³ = 568

• Sel de sodium de l'acide éthylènediaminetétracétique
- CE nr: 200-573-9 - CAS nr: .64-02-8
- REACH registration number : 01-2119486762-27-0001 / 01-2119486762-27-0002
- Conc. (weight %) : Conc. (% pds) : % 1 < C ≤ 5
- GHS (Globally Harmonized System)
* GHS07 * Tox. aiguë 4 - H302 - H332 * Irr. cut. 2 - H315
* GHS05 * Lés. oc. 1 - H318
- Miscellaneous :
LD50 / Ingestion / Rat = >1.78- <2 mg/kg
LD50 / Dermal / Rabbit = > 5 mg/kg
LC50 / Inhalation (dust / mist) / 4h / Rat = 4.14 mg/l

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

SAFETY DATA SHEET

MTC

Version:2

Review date: 5/09/2018

RE EC/2016-918 - CLP 1272/2008

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.
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. If unconscious, place in the recovery position and seek medical advice.
4. 1. 3. Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.
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: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

4. 2. 1. Inhalation: Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
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: There is no data available on the product itself.
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: As the product contains combustible organic components:
- Fire will produce dense black smoke.
- 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. Do not allow run-off from fire fighting to enter drains or water courses.
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: As the product contains combustible organic components: 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: Do not allow to enter drains or water courses. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

SAFETY DATA SHEET

MTC

Version:2

Review date: 5/09/2018

RE EC/2016-918 - CLP 1272/2008

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). Clean preferably with a detergent - Avoid the use of solvents.
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.

7. HANDLING AND STORAGE

7. 1. Handling:	
7. 1. 1. Precautions for safe handling:	As the product contains combustible organic components: Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Smoking, eating and drinking is prohibited in areas of storage and use. For personal protection, see Section 8. 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. Electrical equipment should be protected to the appropriate standard.
7. 1. 3. Safe handling advice(s):	Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Never use pressure to empty: the container is not a pressure vessel. Always keep in containers made of the same material as the supply container.
7. 2. Storage:	
7. 2. 1. Conditions for safe storage, including any incompatibilities:	Observe the label precautions. 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. Store at temperatures between 0°C and 40°C Containers which are opened should be properly resealed and kept upright to prevent leakage.
7. 2. 3. Separation of incompatible product(s):	Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
7. 2. 4. 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):	<ul style="list-style-type: none">• 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve : T.L.V. ppm = 20 - T.L.V. mg/m³ = 98 - S.T.E.L ppm = 50 - S.T.E.L mg/m³ = 246• 1-methoxy-2-propanol; monopropylene glycol methyl ether : T.L.V. ppm = 100 - T.L.V. mg/m³ = 375 - S.T.E.L ppm = 150 - S.T.E.L mg/m³ = 568
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. 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.

SAFETY DATA SHEET

MTC

Version:2

Review date: 5/09/2018

RE EC/2016-918 - CLP 1272/2008

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
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. When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. nitrile rubber gloves, neoprene gloves, Latex gloves.
8. 2. 3. Skin and body protection: The personnel should wear protective clothing.
8. 2. 4. Eye protection: Eye protection designed to protect against liquid splashes should be worn.
8. 3. Hygiene measure(s): Do not eat, drink, or smoke during work.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

9. 1. 1. Appearance: liquid
9. 1. 2. Colour: clear and colourless
9. 1. 3. Odour: slight
9. 1. 4. PH: 11
9. 1. 5. Flash point: no flash
9. 1. 6. Explosion limits: Explosive limits are unknown in literature.
9. 1. 7. Relative density (water = 1): 1.0019

9. 2. Other information:

9. 2. 1. Water solubility: yes
9. 2. 2. Fat solubility: insoluble
9. 2. 3. Solvent solubility: insoluble

10. STABILITY AND REACTIVITY

10. 1. Reactivity: No decomposition if stored and applied as directed.
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: No naked flames, sparks, and do not smoke.
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: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, NxOy

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: No data available.
11. 2. 2. Skin contact: No data available.

SAFETY DATA SHEET

MTC

Version:2

Review date: 5/09/2018

RE EC/2016-918 - CLP 1272/2008

- | | |
|-------------------------|--------------------|
| 11. 2. 3. Eyes contact: | No data available. |
| 11. 2. 4. Ingestion: | No data available. |

12. ECOLOGICAL INFORMATION

- | | |
|--|---|
| 12. 1. Toxicity: | There is no data available on the product itself. |
| 12. 2. Persistence and degradability: | Contains no substances known to be not biodegradable in wastewater treatment plants. |
| 12. 3. Bioaccumulative potential: | None bioaccumulation. |
| 12. 4. Mobility in soil: | No data available. |
| 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. |
| 13. 2. Contaminated packaging: | 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 Protection Act. |

14. TRANSPORT INFORMATION

- | | |
|---|--|
| 14. 1. General information(s): | Transport followed ADR, IMDG, IATA |
| 14. 2. UN number: | 1760 |
| 14. 3. Land (Road / Railway: ADR/RID): | |
| 14. 3. 1. Transport hazard class(es): | 8 |
| 14. 3. 2. Packing group: | III |
| 14. 3. 3. ADR/RID-Labels: | 8 |
| 14. 4. Sea (IMDG): | |
| 14. 4. 1. Class: | 8 |
| 14. 5. Air (ICAO/IATA): | |
| 14. 6. Environmental hazards: | No special environmental precautions required. |
| 14. 7. Special precautions for user: | Wear eye/face protection |
| 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: | Regulation EC 648/2004 relating to the detergents
Contains less than 5%: EDTA, anionic surfactant. |
| 15. 2. Chemical safety assessment: | Not applicable. |

SAFETY DATA SHEET

MTC

Version:2

Review date: 5/09/2018

RE EC/2016-918 - CLP 1272/2008

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.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H318 Causes serious eye damage.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.

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.
The user is always responsible for ensuring that the requirements of relevant legislation are complied with.
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:

The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.

16. 4. History:

16. 4. 1. First edition date: 2/05/2017
16. 4. 2. Previous revision date: 2/05/2017
16. 4. 3. Review date: 5/09/2018
16. 4. 4. Version: 2
16. 4. 5. Review chapter(s) n°: 15
16. 5. Written by: SELD