

1

Safety Data Sheet

according to Reg. (EU) Nº 2020/878

BERGAMOT OIL MELITO

Version 2RME13 (Revision Number: 2 - Revision Date: November 22, 2023)

Ref. 16275 Page 1/7

IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING Product identification 1.1product (trade name): Bergamot Oil Melito - Ref. 16275 EC name/registration name: Bergamot, ext. EC number: 289-612-9 CAS number (EC inventory): 89957-91-5 **REACh registration number:** 01-2120117613-65-0000

Relevant identified uses of the substance and uses advised against <u>1.2</u> odour agent / flavouring agent - ingredient for industrial manufacturing. relevant uses: uses advised against: not for personal use in this form or concentration.

Details of the supplier of the safety data sheet 1.3

| company: telephone number: responsible person: manufacturing plant: competent person SDS: | CAPUA 1880 s.r.l. – Zona Industriale, 89052 Campo Calabro (RC) - ITALY • www.webcapua.com phone: +390965793901 • fax: +390965797111/757792 Dr. Gianfranco Capua (CEO) • phone: +3909657939236 • mail: sales@webcapua.com Zona Industriale, 89052 Campo Calabro (RC) - ITALY mail: legis@webcapua.com |
|---|--|
| competent person SDS: | mail: legis@webcapua.com |
| | |

Emergency telephone number 1.4

available on office hours: 9:30+17:03 (GMT+1) phone: +390965793901 supplier: (languages: IT, EN, FR, DE, ES) - other time: +393483852033 (languages: IT, EN, FR). Azienda Ospedaliera Niguarda Ca' Granda (MILANO - ITALY) +390266101029 poison control center: (languages: IT, EN).

HAZARDS IDENTIFICATION

| 2.1 | Classification of the substan | <u>ce</u> | | | | | |
|-----|-------------------------------|--------------|-------------|---------------|--------------|--------------|-------------------|
| | Reg. (EC) No 1272/2008: | Flam. Liq. 3 | Asp. Tox. 1 | Skin Irrit. 2 | Skin Sens. 1 | Eye Irrit. 2 | Aquatic Chronic 3 |
| | hazard categories: | FL3 | AH1 | SCI2 | SS1 | EDI2A | EHC3 |
| | hazard statements: | H226 | H304 | H315 | H317 | H319 | H412 |
| | hazard pictograms: | GHS02 | GHS08 | | GHS07 | | - |

2.2 Label elements

hazard pictograms:



signal word: hazard statements: precautionary statement: danger H226, H304, H315, H317, H319, H412 P210, P280, P331, P301/310, P302/352, P305/351/338, P273

Other hazards 2.3

Ecological information:

according to Annex XIII of REACH Regulation, the substance contains no constituent considered either Persistent, Bioaccumulative and Toxic (PBT), or very Persistent and very Bioaccumulative (vPvB) at a concentration equal to or greater than 0.1%.

The substance contains no constituent identified as having endocrine disrupting properties according to REACH Article 59(1) or in accordance with the criteria set out in Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

Toxicological information:

the substance contains no constituent identified as having endocrine disrupting properties according to REACH Article 59(1) or Commission Delegated regulation (EU) 2017/2100 at a concentration equal to or greater than 0.1%.

COMPOSITION/INFORMATION ON INGREDIENTS <u>3.</u>

| 3.1 | Substance | |
|-----|--|--|
| | botanical origin: production process: | <i>Citrus bergamia,</i> RISSO et POITEAU obtained by physical means from the outer part of fresh bergamot fruits peel. |
| | status: | 100% Natural Complex Substance |
| | EU name: | Bergamot, ext. |
| | EC number: | 289-612-9 |
| | CAS number (EC inventory): | 89957-91-5 |
| | other CAS number: | 8007-75-8 |



Safety Data Sheet

| | MOT OIL MELITO | vision Datas I | November 22 | 2022) | Ref. 1627 |
|---------------------------------|--|--|---|---|---|
| | ME13 (Revision Number: 2 - Rev Substance: main constitue | | | 2023) | Page 2 |
| | common name | EINECS | CAS | Hazards classification | range (%) |
| | D-limonene | 227-813-5 | 5989-27-5 | AH1, EHC3, FL3, SCI2, SS1B | 20÷55 |
| | linalool | 201-134-4 | 78-70-6 | ATO5, EDI2A, FL4, SCI2 | 3÷45 |
| | linalyl acetate | 204-116-4 | 115-95-7 | EDI2A, FL4, SCI2 | 15÷40 |
| | β-pinene | 204-872-5 | 127-91-3 | AH1, FL3, SCI2, SS1B | 3÷12 |
| | Y-terpinene | 202-794-6 | 99-85-4 | AH1, FL3, SCI3 | 2÷12 |
| | a-pinene | 201-291-9 | 80-56-8 | AH1, FL3, SCI2, SS1B, ATO5 | 0.5÷4 |
| | β-myrcene | 204-622-5 | 123-35-3 | AH1, EDI2A, FL3, SCI2 | 0.5÷2.5 |
| ETD | ST AID MEASURES | | | | 0.072.0 |
| 4.1 | Description of first aid measures | SULLAS | | | |
| <u></u> | inhalation: | | oor and breath | n fresh air for at least 15 minutes - | in case of complaints s |
| | | medical atte | ntion. | | |
| | contact with the skin: | | | hing and wash with water and soap the he contamination - in case of complain | |
| | contact with the eyes: | | | veral minutes with pure water, make s | |
| | | contaminati | on - in case of | persistent eye irritation seek medical a | attention. |
| | ingestion: | ask immedi | ately medical as | ssistance - mouth washing with water and | d do not provoke vomitin |
| 4.2 | Most important symptoms a | | | | |
| | symptoms: | | | eadache - contact: can cause eye irritation | n - can cause slight skin rasl |
| | acute and delayed effects: | no post-disc | order effects ar | e reported. | |
| 4.3 | Indication of any immediate | e medical at | ttention and s | special treatment needed | |
| | immediate medical assistance: | see point 4. | 1. | | |
| | immediate/special treatment: first aid specific means: | | | shower should be available in the wor | k aroa |
| | - | cyc masir io | unicum, surcey | | k u cu |
| | | | | | |
| | EFIGHTING MEASURES | | | | |
| | Extinguishing media | | | dry powder - LARCE EIRE: use water | spray or fog |
| | | | | n, dry powder - LARGE FIRE: use water s der to prevent pressure build-up, autoig | |
| | Extinguishing media | vessels with | water jet in ord | n, dry powder - LARGE FIRE: use water : der to prevent pressure build-up, autoign | |
| 5.1 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: | vessels with pressurized | water jet in ord water jet. | | |
| 5.1 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from | vessels with pressurized n the substa | water jet in oro water jet. ance | der to prevent pressure build-up, autoig | nition or explosion. |
| 5.1 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from | vessels with pressurized <u>n the substa</u> mixture with | water jet in oro water jet. ance | | nition or explosion. |
| 5.1 5.2 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from vapours may form explosive carbon dioxide (CO ₂), smoke, | vessels with pressurized <u>n the substa</u> mixture with | water jet in oro water jet. ance | der to prevent pressure build-up, autoig | nition or explosion. |
| <u>5.1</u> 5.2 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from vapours may form explosive carbon dioxide (CO ₂), smoke, Advice for firefighters | vessels with pressurized <u>n the substa</u> mixture with soot. | water jet in ord water jet. ance a air - in case | der to prevent pressure build-up, autoign of fire, the following can be release | nition or explosion. ed: carbon monoxide (C0 |
| 5.1 5.2 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from vapours may form explosive carbon dioxide (CO ₂), smoke, Advice for firefighters | vessels with pressurized <u>n the substa</u> mixture with soot. ical fires - s | water jet in ord water jet. ance a air - in case spray extinguis | der to prevent pressure build-up, autoig | nition or explosion. ed: carbon monoxide (Cl |
| 5.1 5.2 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from vapours may form explosive carbon dioxide (CO ₂), smoke, <u>Advice for firefighters</u> standard procedure for chem respiratory apparatus and prot | vessels with pressurized <u>n the substa</u> mixture with soot. ical fires - s ection bodys | water jet in ord water jet. ance a air - in case spray extinguis | der to prevent pressure build-up, autoign of fire, the following can be release | nition or explosion. ed: carbon monoxide (Cl |
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| 5.1 5.2 5.3 ACC 5.1 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from vapours may form explosive carbon dioxide (CO ₂), smoke, <u>Advice for firefighters</u> standard procedure for chem respiratory apparatus and prot IDENTAL RELEASE MEA Personal precautions, prote for non emergency personnel: for emergency responders: emergency procedures: <u>Environmental precautions</u> keep away from drains - keep | vessels with pressurized <u>n the substa</u> mixture with soot. ical fires - section bodys SURES <u>ctive equipn</u> in case of to protection (O worn. Use circumstance bodysuit, gld as per non-or remove any accidental r | water jet in ord water jet. ance a air - in case spray extinguis uits. <u>ment and em</u> unintentional in Gas filter A, Col insulating devi es which are ur oves and protec emergency per / ignition sour eleases. urface and grou | der to prevent pressure build-up, autoign of fire, the following can be release shing media to base of flames - us <u>ergency procedures</u> nportant release of the product in end lour code brown: consider the maximun ce for respiratory protection with an inclear - use adequate protections solve ctive goggles solvent-resistant (see sect sonnel. ice and ensure adequate ventilation und water. | nition or explosion. ed: carbon monoxide (C e adequate protections closed space use respirat n duration for wear) must independent air supply ent resistant: security sho cion 8). |
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| 5.1 5.2 5.3 ACC 5.1 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from vapours may form explosive carbon dioxide (CO ₂), smoke, <u>Advice for firefighters</u> standard procedure for chem respiratory apparatus and prot IDENTAL RELEASE MEA Personal precautions, prote for non emergency personnel: for emergency responders: emergency procedures: <u>Environmental precautions</u> keep away from drains - keep <u>Methods and material for co</u> keep away from heat and use | vessels with pressurized <u>n the substa</u> mixture with soot. ical fires - section bodys SURES <u>ctive equipm</u> in case of u protection (0 worn. Use circumstance bodysuit, gld as per non-or remove any accidental r away from su <u>ontainment</u> non-combust | water jet in ord water jet. ance a air - in case spray extinguis uits. <u>ment and em</u> unintentional in Gas filter A, Col insulating devi es which are ur oves and protect emergency per / ignition sour eleases. urface and grou <u>and cleaning</u> tible absorbing | der to prevent pressure build-up, autoign of fire, the following can be release shing media to base of flames - us <u>ergency procedures</u> nportant release of the product in end lour code brown: consider the maximun ce for respiratory protection with an inclear - use adequate protections solve ctive goggles solvent-resistant (see sect sonnel. ice and ensure adequate ventilation und water. | nition or explosion. ed: carbon monoxide (Co e adequate protections closed space use respirat n duration for wear) must independent air supply ent resistant: security sho cion 8). in working areas follow |
| 5.1 5.2 5.3 ACC 5.1 | Extinguishing media suitable extinguishing media: unsuitable extinguishing media: Special hazards arising from vapours may form explosive carbon dioxide (CO ₂), smoke, <u>Advice for firefighters</u> standard procedure for chem respiratory apparatus and prot IDENTAL RELEASE MEA Personal precautions, prote for non emergency personnel: for emergency responders: emergency procedures: <u>Environmental precautions</u> keep away from drains - keep <u>Methods and material for co</u> keep away from heat and use for inflammable materials. Refe | vessels with pressurized <u>n the substa</u> mixture with soot. ical fires - section bodys SURES <u>ctive equipp</u> in case of u protection (C worn. Use circumstance bodysuit, glo as per non-o remove any accidental r away from su <u>ontainment</u> non-combust er to section | water jet in ord water jet. ance a air - in case spray extinguis uits. <u>ment and em</u> unintentional in Gas filter A, Col insulating devi es which are ur oves and protect emergency per / ignition sour eleases. urface and grou <u>and cleaning</u> tible absorbing | der to prevent pressure build-up, autoign of fire, the following can be release shing media to base of flames - us <u>ergency procedures</u> nportant release of the product in end lour code brown: consider the maximun ce for respiratory protection with an inclear - use adequate protections solve ctive goggles solvent-resistant (see sect sonnel. ice and ensure adequate ventilation und water. <u>up</u> sawdust (sand, specific binder) - usin | nition or explosion. ed: carbon monoxide (C e adequate protections closed space use respirat n duration for wear) must independent air supply ent resistant: security sho cion 8). in working areas follow |

7. HANDLING AND STORAGE

 7.1
 Precautions for safe handling

 safe handling:
 during handling keep original container closed - avoid contact with skin and eyes - wear adequate protective gloves and eye/face protection - avoid to place or handle near any sources of ignition - avoid exposing to high temperature during processing - maintain adequate local and general ventilation where product is handled.

 hygiene at work:
 do not ingest or apply to the skin as such - no smoking - remove contaminated clothing - good

do not ingest or apply to the skin as such - no smoking - remove contaminated clothing - good personal washing routines should be followed - if at risk of contamination, foods, beverages and other articles of consumption must not be stored or consumed at the work areas.



Safety Data Sheet according to Reg. (EU) N° 2020/878

| BER | GΑ | MOT OIL MELITO | Ref. 16275 |
|------------|-----|--|---|
| Version | | | vision Date: November 22, 2023) Page 3/7 |
| <u>7.</u> | 2 | | g, including any incompatibilities |
| | | container: | to be stored in stainless steel drums, preferably under inert atmosphere (nitrogen) with minimum head space, protected from day-light. • take note : the container used during |
| | | | transportation must be considered only as a temporary container and it must not be |
| | | | considered in any case adequate for medium or long term warehousing. |
| | | conditions: | stored in a dry, aerated place, away from any heat source and ignition source. |
| | | temperature: | from 5 °C to 21 °C. |
| 7. | 3 | Specific end uses | |
| | - | | g agent - the information of this section are not related to the use of the product in combination |
| | | with any other material or any | other process altering its characteristics. |
| | | DSURE CONTROL/PERS | SONAL PROTECTION |
| <u>8.</u> | 1 | Control parameters | |
| | | occupational exposure limit: | Component with limit values that require monitoring at the workplace: |
| | | | CAS 5989-27-5, (R)-p-mentha-1,8-diene |
| | | | AGW (Germany): 110 mg/m ³ , 20 ppm, 2(II); DFG, Sh, Y |
| <u>8.</u> | 2 | Exposure control | |
| | | refer to the Exposure Scenario | document in Annex I. |
| | | | |
| <u>8.2</u> | 2.1 | <u>Appropriate engineering co</u> | |
| | | | system to transfer and/or process this material - if appropriate, isolate mixing rooms and other ed or openly handled - maintain these areas under negative air pressure relative to the rest of the |
| | | plant. | |
| | | | |
| | 1 | | ures, such as personal protective equipment |
| 6 | ~ | eye/face protection: skin protection - hand: | protective goggles with built-in-frame tested to EN166 (should be checked regularly). suitable gloves tested to EN374 (should be checked regularly) - always use with clean, dry hands. |
| | | skin protection - other: | protective work clothing solvent resistant (should be checked regularly). |
| | 2 | respiratory protection: | not necessary in adequate local with general ventilation - avoid breathing vapors. |
| | | thermal hazards: | none. |
| | ~ ~ | | |
| 8.2 | 2.3 | Environmental exposure co the usual precautions for safe | |
| | | the usual precautions for sale | |
| 9. PI | чv | SICAL AND CHEMICAL | |
| 9. | | Information on basic physic | |
| | | physical form: | liquid |
| | | color: | yellow to green-yellowish |
| | | odour: odour threshold: | citrusy N/D |
| | | pH: | N/A |
| | | initial boiling point (& range): | N/A |
| | | melting point/freezing point: | < -30°C at 101.3 kPa |
| | | flash point: | 58 °C |
| | | evaporation rate: upper/lower explosive limits: | N/D N/D |
| | | vapour pressure: | 123.1 Pa at 25 °C |
| | | vapour density: | N/D |
| | | relative density d_{4}^{20} : | $0.8720 \div 0.8820$ |
| | | solubility: partition coefficient n-octanol/H ₂ O: | in alcohol & other oils • 87% of the substance have solubility > 40 mg/L into H2O 4.38 at 25°C for the component D-Limonene; 3.38 at 25°C for the component Linalool; 4.39 |
| | | | at 25°C for the component Linalyl acetate. |
| | | auto-ignition temperature: | 235°C at 101.89 kPa. |
| | | decomposition temperature: viscosity: | N/D N/D |
| | | | |

9.2 Other information

explosive properties:

oxidizing properties:

9.2.1. Information with regard to physical hazard classes none

none

none

9.2.2. Other safety characteristics

none



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10.1 Reactivity

This substance does not react with water - the substance is unreactive if it is stored according to the recommendations in point 7 and in accordance with the identified uses (see subsection 1.2).

10.2 Chemical stability

stable substance when stored according to recommendations in Section 7 and in accordance with the identified uses (see subsection 1.2). • **shelf life:** 18 months from the date of production, in the recommended storage conditions (see Section 7).

10.3 Possibility of hazardous reactions

none if used according to storage & handling conditions (see Section 7) & identified uses (see subsection 1.2).

10.4 Conditions to avoid

avoid exposure to any heat source.

10.5 Incompatible materials

avoid exposure to highly oxidizing agents.

10.6 Hazardous decomposition products

no known hazardous decomposition products under recommended storage & handling conditions - in case of combustion: carbon monoxide (CO), carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects 11.1LD50: > 10000 mg/kg bw (male) (method: rat (albino) gavage - equivalent Guideline 401 acute toxicity (oral): OECD). LD50: > 20000 mg/kg bw (method: rabbit (albino) – OECD Guideline 402). acute toxicity (dermal): acute toxicity (other routes): no data available. severe eyes damages/irritations: no data available. respiratory sensitization: no data available. no data available. dermal sensitization: mutagenicity: no adverse effect observed (negative). carcinogenicity: no data available. toxicity for reproduction: oral route: adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with coriander oil study - Owner company: Lorillard, Inc. - Report date: 1989-04-12). developmental toxicity: oral route: adverse effect observed NOAEL: 365 mg/kg bw/day (rat) (read across with coriander oil study - Owner company: Lorillard, Inc. - Report date: 1989-04-12) STOT-exp. repeated : oral route: target organs: urogenital: kidneys; digestive: stomach NOAEL: 117 mg/kg bw/day (subacute; rat) STOT-exp. single : no data available aspiration hazard: no data available.

Based on available information on Bergamot oil and its constituents, Bergamot oil is expected to be readily and fully absorbed by the oral route (approximately 100%). Dermal absorption is expected to be lower. However, as no specific information is available on the extent of dermal and inhalation absorption, this is assumed to be comparable to oral absorption as a worst case. For risk assessment purposes, the absorption after oral, dermal and inhalation exposure are therefore assumed to be identical and route-to-route extrapolation from the oral to inhalation and dermal route is not required.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

the substance contains no constituent identified as having endocrine disrupting properties according to REACh Article 59(1) or Commission Delegated regulation (EU) 2017/2100 at a concentration equal to or greater than 0.1%.

11.2.2 Other information no data available

| 12. ECO | LOGICAL INFORMATIO | N |
|----------------|---|---|
| <u>12.1</u> | Toxicity | |
| | aquatic environment: acute - fish | Harmful to aquatic life with long lasting effects. |
| | (semi-static freshwater): | LL50 (24 h): 57 mg/L test mat. (nominal) - <i>Oncorhynchus mykiss</i> - metodo OECD Guideline 203 (Fish, Acute Toxicity Test) |
| | | LL50 (48 h): 18 mg/L test mat. (nominal) - Oncorhynchus mykiss - metodo OECD Guideline 203 (Fish, Acute Toxicity Test) |
| | | LL50 (72 h): 18 mg/L test mat. (nominal) - Oncorhynchus mykiss - metodo OECD Guideline 203 (Fish, Acute Toxicity Test) |
| | | LL50 (96 h): 18 mg/L test mat. (nominal) - Oncorhynchus mykiss - metodo OECD Guideline 203 (Fish, Acute Toxicity Test) |
| | acute - aquatic invertebrates (static freshwater): | EL50 (24 h): 60 mg/L test mat OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |



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|----------------------------------|---|--------|
| | EL50 (48 h): 33 mg/L test mat OECD Guideline 202 (Daphnia sp. Acute Immobil | sation |
| | Test) | |
| | NOEL (48 h): 18 mg/L test mat. (nominal) - OECD Guideline 202 (Daphnia sp. | Acute |
| | Immobilisation Test) | |
| acute - algae & aquatic plants | | |
| (static freshwater): | EL50 (72 h): 11 mg/L test mat. (Tested as WAF) (nominal) OECD Guideline 201 | (Alga, |
| | Growth Inhibition Test) | |
| | | |

acute - other organisms: not tested. chronic: not tested.

12.2 Persistence and degradability

this substance is considered as a NCS readily biodegradable and therefore is not persistent.

12.3 Bioaccumulative potential

as the constituents are readily biodegradable.

12.4 Mobility in soil

this substance is considered as a readily biodegradable NCS. Based on the ready biodegradability of the NCS, simulation tests in surface water, sediment and soil are not required.

12.5 Results of PBT and vPvB assessment

according to Annex XIII of REACh Regulation, the substance contains no constituent considered either Persistent, Bioaccumulative and Toxic (PBT), or very Persistent and very Bioaccumulative (vPvB) at a concentration equal to or greater than 0.1%.

12.6 Endocrine disrupting properties

the substance contains no constituent considered to have endocrine disrupting properties according to REACh Article 59(1) or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

12.7 Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

<u>13.1 Waste treatment methods</u>

the containers used for this product must completely empty before disposal - dispose product and packaging in accordance with federal, state and local environmental control regulations - dispose of this product in the environment is illegal.

14. TRANSPORT INFORMATION

- 14.1 UN Number
 - 1197
- 14.2 UN proper shipping name extracts, liquid, for flavour or aroma
- 14.3 Transport hazard class Class 3
- 14.3.1 Transport hazard symbols for IMDG-ADR/RID: flame for ICAO/IATA: flame
- 14.4 Packing group III
- 14.5 Environmental hazards marine pollutant
- 14.6 Special precautions for user

this product contains constituents flammables & dangerous for the environment - in case of pouring out, make sure to label new package accordingly, reproducing original label with relevant symbols.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code N/A

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).





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15.2 Chemical Safety Assessment

A study for the chemical safety assessment of the substance was conducted during the preparation of registration for REACH.

16. OTHER INFORMATION

а

d

| Revision | | | | | | |
|---|---|------|-----|--|--|--|
| Version 1RME13 | Version 1RME13 (Revision Number: 1 - Revision Date: April 2010) – FIRST ISSUE OF THE DOCUMENT | | | | | |
| Edited Section | Description | from | to | | | |
| N/A | N/A | Ν | I/A | | | |
| Version 2RME13 (Revision Number: 2 - Revision Date: November 22, 2023) | | | | | | |
| Edited Section | Description | from | to | | | |
| Updates to Sections: 2, 8, 9, 11, 12, 14 ,15 according to Reg. (EU) No 2020/878 | | | | | | |

<u>b Legend</u>

CLP: Regulation (EC) No 1272/2008 / CSR: Chemical Safety Report / Asp. Tox.: aspiration hazard / Aquatic Chronic: aquatic hazard / Skin Irrit.: skin irritation hazard / Skin Sens.: skin sensitization hazard / Flam. Liq.: flammable liquid hazard / WAF: Water Accommodated Fractions / LD50: Lethal Dose 50 / LL50: Lethal Loading 50 / EL50: Effective Loading 50 / NOAEL: No-Observed Adverse Effect Level / NOEL: No-Observed Effect Level / LOEL: Lowest Observed Effect Level / OECD: Organisation for Economic Co-operation and Development

c Literature references and source of data

CSR - RIFM - FEMA database

List of relevant hazard and precautionary statements

H226 flammable liquid and vapour

H304 may be fatal if swallowed and enters airways

H315 causes skin irritation

H317 may cause an allergic skin reaction

H319 causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

P210 keep away from heat/sparks/open flames/hot surfaces – no smoking

P280 wear protective gloves/eye protection/face protection

P331 do not induce vomiting

P301/310 if swallowed: immediately call a poison center or doctor/physician

P302+352: IF ON SKIN: Wash with plenty of water/...

P305/351/338 if in eyes: rinse cautiously with water for several minutes. remove contact lenses if present and easy to do. continue rinsing P273: Avoid release to the environment.

e Inventories & other

| | CAS | ID | NOTE |
|-------------|------------|-------------|----------|
| EINECS | 89957-91-5 | 289-612-9 | |
| TSCA | 8007-75-8 | - | |
| IECSC | 8007-75-8 | - | |
| KECI | 8007-75-8 | KE-26829 | |
| DSL | 8007-75-8 | - | |
| AICS | 8007-75-8 | - | |
| ENCS - ISHL | 8007-75-8 | 11-(1)-575 | |
| NZIOC | 8007-75-8 | - | |
| PICCS | 8007-75-8 | - | |
| FDA | - | 21CFR182.20 | |
| CoE | - | 137 | |
| FEMA | 8007-75-8 | 2153 | |
| HS Code | - | 3301192000 | EU TARIC |

f Further information

the information on this SDS is correct to the best of our knowledge, covering the involved product at the date of its publication. They apply to the product as such as per the described specifications. The information are not related to the use of the product in combination with any other material or any other process altering its characteristics. The end user should apply to the existing normative and laws covering the use of the product, the hygiene and security at work. The container used during transportation must be considered only as a temporary container and it must not be considered in any case adequate for medium or long term warehousing. Upon receipt, our product must be stored as soon as possible in compliance with section 7 of this SDS. The information given in this SDS is in accordance with the Reg. (EU) No 2020/878.



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ANNEX I

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Exposure Scenarios

Exposure Scenarios -> \square