

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product identifier.** 8901/318  
**Product name.** GLOSS MEDICOATE WB LACQUER  
**UFI** No Information

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use.** Industrial Wood Coating  
**Uses advised against.** Professional Use Only

### 1.3. Details of the supplier of the safety data sheet

**Supplier.** Morrells Woodfinishes Ltd  
Wellington Works  
Mill Lane, Woodley  
Stockport  
SK6 1RN  
Tel: +44 (0)161 406 5300  
Fax: +44 (0)161 406 6276

EMail: enquires@morrells.co.uk

### 1.4. Emergency telephone number

Chemtrec: +1-800-424-9300 USA  
Chemtrec: +1 703-527-3887 ex-USA  
24 hrs./day, 7 days/week

**Europe** 112  
**Austria** +43 1 406 43 43  
**Belgium** Poison center (BE): +32 70 245 245  
**Denmark** Poison Control Hotline (DK): +45 82 12 12 12  
**Finland** Poison Information Centre (FI): +358 9 471 977  
**France** ORFILA (FR): + 01 45 42 59 59  
**Germany** Poison Center Berlin (DE): +49 030 30686 790 | par Poison Center Nord: +49 551 19240  
(24h available English / German)  
National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566  
**Ireland** +354 543 2222  
**Italy** Poison Center, Milan (IT): +39 02 6610 1029  
**Luxembourg** 112  
**Netherlands** National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)  
**Norway** Poisons Information (NO): + 47 22 591300  
**Portugal** Poison Information Center (PT): +351 21 330 3284  
**Spain** Poison Information Service (ES): +34 91 562 04 20  
**Sweden** Poisons Information Center (SV): +46 8 33 12 31  
**Switzerland** Poison Center: Tel 145; +41 44 251 51 51  
**United Kingdom** 111 / 0300 020 0155

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Hazardous to the aquatic environment, Chronic, category 2

### 2.2. Label elements



**Signal Word**

None

**Hazardous ingredients which must be listed on the label**

Not Applicable

**Possible Hazards**

6.0% of the mixture consists of ingredient(s) of unknown toxicity

6.0% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

**GHS HAZARD STATEMENTS**

H411 Toxic to aquatic life with long lasting effects.

**GHS SDS PRECAUTIONARY STATEMENTS**

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with national regulations.

**2.3. Other hazards**

EMERGENCY OVERVIEW: No Information

**SECTION 3: Composition/information on ingredients****3.1. Substances**

This product is a mixture. Health hazard information is based on its components.

**3.2. Mixtures**

| Chemical Name             | CAS-No.    | EC No.    | Wt. %        |
|---------------------------|------------|-----------|--------------|
| DIMETHYL GLUTARATE        | 1119-40-0  | 214-277-2 | >=1 - <3     |
| DIMETHYL SUCCINATE        | 106-65-0   | 203-419-9 | >=0.5 - <1.5 |
| DIMETHYL ADIPATE          | 627-93-0   | 211-020-6 | >=0.5 - <1.5 |
| 2-(2-BUTOXYETHOXY)ETHANOL | 112-34-5   | 203-961-6 | <1           |
| Zinc pyrrithione          | 13463-41-7 | 236-671-3 | <0.1         |

| Chemical Name             | Classification (1272/2008/EC)                                                                                                                                                 | Specific Conc. Limits, M-factors and ATEs                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIMETHYL GLUTARATE        | Acute Tox. 4 Inhalation (H332)                                                                                                                                                | ATE oral (mg/kg): >5000 mg/kg Rat<br>ATE dermal (mg/kg): >5000 mg/kg Rabbit<br>ATE inhalation - vapor (mg/l/4h): >11 mg/L Rat                                     |
| DIMETHYL SUCCINATE        | Acute Tox. 4 Oral (H302)                                                                                                                                                      | ATE oral (mg/kg): 500 - 5000 mg/kg Rat<br>ATE dermal (mg/kg): >5000 mg/kg Rabbit                                                                                  |
| DIMETHYL ADIPATE          | Not classified                                                                                                                                                                | ATE oral (mg/kg): >5000 mg/kg Rat<br>ATE dermal (mg/kg): >5000 mg/kg Rabbit                                                                                       |
| 2-(2-BUTOXYETHOXY)ETHANOL | Eye Irrit. 2 (H319)                                                                                                                                                           | ATE oral (mg/kg): 5660 mg/kg Rat<br>ATE dermal (mg/kg): 2700 mg/kg Rabbit<br>ATE inhalation - vapor (mg/l/4h): N.R.<br>ATE inhalation - dust/mist (mg/l/4h): N.R. |
| Zinc pyrrithione          | Acute Tox. 2 Oral (H300)<br>Eye Dam. 1 (H318)<br>Acute Tox. 4 Inhalation (H332)<br>Repr. 1B (H360D)<br>STOT RE 1 (H372)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410) | ATE oral (mg/kg): 3<br>ATE dermal (mg/kg): N.R.<br>ATE inhalation - vapor (mg/l/4h): N.R.<br>ATE inhalation - dust/mist (mg/l/4h): 4<br>M-Factors: 1000           |

For the full text of the H-Statements mentioned in this Section, see Section 16

**SECTION 4: First aid measures****4.1. Description of first aid measures****General advice.**

Show this safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

**Inhalation.**

Remove person to fresh air. If signs/symptoms continue, get medical attention. Get medical attention if symptoms occur.

**Skin contact.**

Wash off with soap and plenty of water. Get medical attention if symptoms occur.

**Eye contact.**

Flush eyes with water as a precaution. Call a physician if irritation develops or persists.

**Ingestion.**

Rinse mouth. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

**4.2. Most important symptoms and effects, both acute and delayed****Symptoms.**

No Information

**4.3. Indication of any immediate medical attention and special treatment needed****Notes to physician.**

No Information

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media.**

No Information

**Extinguishing media which shall not be used for safety reasons.**

None

**5.2. Special hazards arising from the substance or mixture**

Runoff may pollute waterways. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses. Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

**5.3. Advice for firefighters**

No Information

Refer to protective measures listed in sections 7 and 8.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions.**

Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Avoid contact with skin, eyes and inhalation of vapors. Wash thoroughly after handling. Wear appropriate respiratory protection and protective clothing as described in Section VIII.

**Advice for emergency responders.**

Refer to protective measures listed in sections 7 and 8.

**6.2. Environmental precautions**

Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. Should not be released into the environment. See Section 12 for additional Ecological information. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological information. Try to prevent the material from entering drains or water courses. Prevent further leakage or spillage if safe to do so.

**6.3. Methods and material for containment and cleaning up****Methods for Containment.**

Soak up with inert absorbent material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water. Change contaminated clothing and launder before re-use. Wear proper personal protective clothing and equipment.

**Methods for cleaning up.**

No Information

**Other information.**

No Information

**6.4. Reference to other sections**

See Section 8, 13 for additional information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling.**

Keep container closed when not in use.

**Hygiene measures.**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

**7.2. Conditions for safe storage, including any incompatibilities****Storage Conditions.**

Keep in a bunded area. Keep in properly labeled containers. Store between 41 and 77 °F (5 - 25° C) in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

**7.3. Specific end use(s)****Specific use(s).**

No Information

**Exposure scenario.**

No Information Available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limit Values**

| Chemical Name                         | Austria                                                                                     | Belgium                                                                                     | Denmark                                                                                     | European Union.                                                                             | Finland                                                                                     | France                                                                                      |
|---------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| DIMETHYL GLUTARATE<br>1119-40-0       | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| DIMETHYL SUCCINATE<br>106-65-0        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| DIMETHYL ADIPATE<br>627-93-0          | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| 2-(2-BUTOXYETHOXY)ETHANOL<br>112-34-5 | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | TWA: 10 ppm<br>TWA: 68 mg/m <sup>3</sup>                                                    | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | TWA: 10 ppm<br>TWA: 68 mg/m <sup>3</sup>                                                    | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> |
| Zinc pyrithione<br>13463-41-7         | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| Chemical Name                         | Germany                                                                                     | Iceland                                                                                     | Ireland                                                                                     | Italy                                                                                       | Luxembourg                                                                                  | Netherlands                                                                                 |
| DIMETHYL GLUTARATE<br>1119-40-0       | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| DIMETHYL SUCCINATE<br>106-65-0        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| DIMETHYL ADIPATE<br>627-93-0          | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| 2-(2-BUTOXYETHOXY)ETHANOL<br>112-34-5 | STEL: 15 ppm<br>STEL: 100.5 mg/m <sup>3</sup><br>TWA: 67 mg/m <sup>3</sup><br>TWA: 10 ppm   | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | STEL: 14.8 ppm<br>STEL: 100 mg/m <sup>3</sup><br>TWA: 7.4 ppm<br>TWA: 50 mg/m <sup>3</sup>  |
| Zinc pyrithione<br>13463-41-7         | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        |
| Chemical Name                         | Norway                                                                                      | Portugal                                                                                    | Spain                                                                                       | Sweden                                                                                      | Switzerland                                                                                 | United Kingdom                                                                              |
| DIMETHYL GLUTARATE<br>1119-40-0       | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | TWA: 5 ppm<br>TWA: 33 mg/m <sup>3</sup>                                                     | N.D.                                                                                        | N.D.                                                                                        |
| DIMETHYL SUCCINATE<br>106-65-0        | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | TWA: 5 ppm<br>TWA: 30 mg/m <sup>3</sup>                                                     | N.D.                                                                                        | N.D.                                                                                        |
| DIMETHYL ADIPATE<br>627-93-0          | N.D.                                                                                        | N.D.                                                                                        | N.D.                                                                                        | TWA: 5 ppm<br>TWA: 36 mg/m <sup>3</sup>                                                     | N.D.                                                                                        | N.D.                                                                                        |
| 2-(2-BUTOXYETHOXY)ETHANOL<br>112-34-5 | STEL: 20 ppm<br>STEL: 102 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 68 mg/m <sup>3</sup>     | STEL: 101.2 mg/m <sup>3</sup><br>STEL: 15 ppm<br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> | STEL: 15 ppm<br>STEL: 101 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 68 mg/m <sup>3</sup>     | STEL: 15 ppm<br>STEL: 101 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67 mg/m <sup>3</sup>     | STEL: 15 ppm<br>STEL: 101.2 mg/m <sup>3</sup><br>TWA: 10 ppm<br>TWA: 67.5 mg/m <sup>3</sup> |

| Chemical Name                 | Norway | Portugal | Spain | Sweden | Switzerland | United Kingdom |
|-------------------------------|--------|----------|-------|--------|-------------|----------------|
| Zinc pyrithione<br>13463-41-7 | N.D.   | N.D.     | N.D.  | N.D.   | N.D.        | N.D.           |

TWA: Time weighted average  
 STEL: Short term exposure limit.

#### EU - REACH (1906/2006) Registration Data - Derived No Effect Levels (DNELs)

| Chemical Name             | CAS Number | DNEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIMETHYL GLUTARATE        | 1119-40-0  | general population inhalation local effects long term exposure 5 mg/m <sup>3</sup> DNEL (214-277-2); workers inhalation local effects long term exposure 8.3 mg/m <sup>3</sup> DNEL (214-277-2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DIMETHYL SUCCINATE        | 106-65-0   | general population dermal systemic effects long term exposure 0.342 mg/kg bw/day DNEL (203-419-9); general population oral systemic effects long term exposure 0.342 mg/kg bw/day DNEL (203-419-9); workers dermal systemic effects long term exposure 0.95 mg/kg bw/day DNEL (203-419-9); workers inhalation local effects long term exposure 1.1 mg/m <sup>3</sup> DNEL (203-419-9); workers inhalation local effects acute/short term exposure 1.1 mg/m <sup>3</sup> DNEL (203-419-9); general population inhalation systemic effects long term exposure 1.19 mg/m <sup>3</sup> DNEL (203-419-9); workers inhalation systemic effects long term exposure 6.7 mg/m <sup>3</sup> DNEL (203-419-9); workers dermal systemic effects acute/short term exposure 12.6 mg/kg bw/day DNEL (203-419-9); workers inhalation systemic effects acute/short term exposure 67 mg/m <sup>3</sup> DNEL (203-419-9)                |
| DIMETHYL ADIPATE          | 627-93-0   | general population inhalation local effects long term exposure 5 mg/m <sup>3</sup> DNEL (211-020-6); workers inhalation local effects long term exposure 8.3 mg/m <sup>3</sup> DNEL (211-020-6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2-(2-BUTOXYETHOXY)ETHANOL | 112-34-5   | general population oral systemic effects long term exposure 5 mg/kg bw/day DNEL (203-961-6); general population inhalation systemic effects long term exposure 40.5 mg/m <sup>3</sup> DNEL (203-961-6); general population inhalation local effects long term exposure 40.5 mg/m <sup>3</sup> DNEL (203-961-6); general population dermal systemic effects long term exposure 50 mg/kg bw/day DNEL (203-961-6); general population inhalation local effects acute/short term exposure 60.7 mg/m <sup>3</sup> DNEL (203-961-6); workers inhalation systemic effects long term exposure 67.5 mg/m <sup>3</sup> DNEL (203-961-6); workers inhalation local effects long term exposure 67.5 mg/m <sup>3</sup> DNEL (203-961-6); workers dermal systemic effects long term exposure 83 mg/kg bw/day DNEL (203-961-6); workers inhalation local effects acute/short term exposure 101.2 mg/m <sup>3</sup> DNEL (203-961-6) |
| Zinc pyrithione           | 13463-41-7 | workers dermal systemic effects long term exposure 0.01 mg/kg bw/day DNEL (236-671-3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

#### EU - REACH (1906/2006) Registration Data - Predicted No Effect Concentrations (PNECs)

| Chemical Name      | CAS Number | PNEC                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIMETHYL GLUTARATE | 1119-40-0  | 0.031 mg/L PNEC (freshwater, 214-277-2); 0.0031 mg/L PNEC (marine water, 214-277-2); 0.31 mg/L PNEC (freshwater (intermittent releases), 214-277-2); 0.15 mg/kg sediment dw PNEC (sediment (freshwater), 214-277-2); 0.015 mg/kg sediment dw PNEC (sediment (marine water), 214-277-2); 10 mg/L PNEC (sewage treatment, 214-277-2); 0.113 mg/kg soil dw PNEC (soil, 214-277-2)                                                              |
| DIMETHYL SUCCINATE | 106-65-0   | 1.39 mg/L PNEC (freshwater, 203-419-9); 0.233 mg/L PNEC (marine water, 203-419-9); 0.5 mg/L PNEC (freshwater (intermittent releases), 203-419-9); 0.1 mg/L PNEC (marine water (intermittent releases), 203-419-9); 8.58 mg/kg sediment dw PNEC (sediment (freshwater), 203-419-9); 1.44 mg/kg sediment dw PNEC (sediment (marine water), 203-419-9); 10 mg/L PNEC (sewage treatment, 203-419-9); 0.899 mg/kg soil dw PNEC (soil, 203-419-9) |

| Chemical Name             | CAS Number | PNEC                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIMETHYL ADIPATE          | 627-93-0   | 0.018 mg/L PNEC (freshwater, 211-020-6); 0.0018 mg/L PNEC (marine water, 211-020-6); 0.18 mg/L PNEC (freshwater (intermittent releases), 211-020-6); 0.16 mg/kg sediment dw PNEC (sediment (freshwater), 211-020-6); 0.016 mg/kg sediment dw PNEC (sediment (marine water), 211-020-6); 10 mg/L PNEC (sewage treatment, 211-020-6); 0.09 mg/kg soil dw PNEC (soil, 211-020-6)                                      |
| 2-(2-BUTOXYETHOXY)ETHANOL | 112-34-5   | 1.1 mg/L PNEC (freshwater, 203-961-6); 0.11 mg/L PNEC (marine water, 203-961-6); 11 mg/L PNEC (freshwater (intermittent releases), 203-961-6); 56 mg/kg food PNEC (food chain, 203-961-6); 4.4 mg/kg sediment dw PNEC (sediment (freshwater), 203-961-6); 0.44 mg/kg sediment dw PNEC (sediment (marine water), 203-961-6); 200 mg/L PNEC (sewage treatment, 203-961-6); 0.32 mg/kg soil dw PNEC (soil, 203-961-6) |
| Zinc pyrrithione          | 13463-41-7 | 90 ng/L PNEC (freshwater, 236-671-3); 90 ng/L PNEC (marine water, 236-671-3); 0.0095 mg/kg sediment dw PNEC (sediment (freshwater), 236-671-3); 0.0095 mg/kg sediment dw PNEC (sediment (marine water), 236-671-3); 0.01 mg/L PNEC (sewage treatment, 236-671-3); 1.02 mg/kg soil dw PNEC (soil, 236-671-3)                                                                                                        |

**EU - REACH (1906/2006) Article 59(1) - Candidate Substances of Very High Concern (SVHC)**

None

**8.2. Exposure controls****Engineering Measures.**

No Information

**Personal protective equipment.****Eye/Face Protection.**

No special protective equipment required.

**Skin and body protection.**

No special protective equipment required.

No Information

**Respiratory protection.**

No Information

**Environmental Exposure Controls.**

Prevent product from entering drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                                               |                             |
|-----------------------------------------------|-----------------------------|
| <b>Physical state</b>                         | Liquid                      |
| <b>Appearance</b>                             | No Information              |
| <b>Colour</b>                                 | No Information              |
| <b>Odour</b>                                  | No Information              |
| <b>Odour Threshold</b>                        | No Information              |
| <b>pH</b>                                     | No Information              |
| <b>Melting Point, °C</b>                      | No Information              |
| <b>Flash Point, °C</b>                        | 80                          |
| <b>Boiling Range, °C</b>                      | 100 - 329                   |
| <b>Combustibility</b>                         | Does not Support Combustion |
| <b>Vapor Pressure, mmHg</b>                   | No Information              |
| <b>Vapor density</b>                          | No Information              |
| <b>Specific Gravity (g/cm3)</b>               | Not Applicable              |
| <b>Solubility in water</b>                    | No Information              |
| <b>Partition Coefficient, n-octanol/water</b> | No Information              |
| <b>Auto-Ignition Temperature, °C</b>          | No Information              |
| <b>Decomposition temperature, °C</b>          | No Information              |
| <b>Viscosity</b>                              | No Information              |

**9.2. Other information**

Volatile organic compounds (VOC) content.

68.833538373

**9.2.1. Information with regard to physical hazard classes**

No Information

**9.2.2. Other safety characteristics**

Evaporation rate

No Information Available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Stable under normal conditions.

**10.2. Chemical stability**

To avoid thermal decomposition, do not overheat.

**10.3. Possibility of hazardous reactions**

None known based on information supplied.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known based on information supplied.

**10.6. Hazardous decomposition products**Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke.**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity.**

Based on available data, the classification criteria are not met.

**Product Information**

The product itself has not been tested

Data on individual components are tabulated below

The following values are calculated based on chapter 3.1 of the GHS document.

|                           |             |
|---------------------------|-------------|
| ATEmix (oral)             | >5000 mg/kg |
| ATEmix (dermal)           | N.R.        |
| ATEmix (inhalation-vapor) | 367.01 mg/l |

| CAS-No.    | Chemical Name             | Oral LD50            | Dermal LD50        | Inhalation LC50 |
|------------|---------------------------|----------------------|--------------------|-----------------|
| 1119-40-0  | DIMETHYL GLUTARATE        | >5000 mg/kg Rat      | >5000 mg/kg Rabbit | >11 mg/L Rat    |
| 106-65-0   | DIMETHYL SUCCINATE        | 500 - 5000 mg/kg Rat | >5000 mg/kg Rabbit | N.R.            |
| 627-93-0   | DIMETHYL ADIPATE          | >5000 mg/kg Rat      | >5000 mg/kg Rabbit | N.R.            |
| 112-34-5   | 2-(2-BUTOXYETHOXY)ETHANOL | 5660 mg/kg Rat       | 2700 mg/kg Rabbit  | N.R.            |
| 13463-41-7 | Zinc pyrithione           | 3                    | N.R.               | 4               |

**Skin corrosion/irritation.**

SKIN IRRITANT.

**11.2. Information on other hazards****Endocrine disrupting properties**

N.A.

**Other information.**

N.A.

**SECTION 12: Ecological information****12.1. Toxicity**

1.52% of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects.**

| Chemical Name                   | Toxicity to algae | Toxicity to fish                                  | Toxicity to daphnia.                          |
|---------------------------------|-------------------|---------------------------------------------------|-----------------------------------------------|
| DIMETHYL GLUTARATE<br>1119-40-0 | N.D.              | LC50 96 h Pimephales<br>promelas 19.6 - 26.2 mg/L | EC50 48 h Daphnia magna<br>122.1 - 163.5 mg/L |

|                                           |                                                |                                              |                                      |
|-------------------------------------------|------------------------------------------------|----------------------------------------------|--------------------------------------|
| DIMETHYL SUCCINATE<br>106-65-0            | N.D.                                           | LC50 96 h Brachydanio rerio<br>50 - 100 mg/L | N.D.                                 |
| DIMETHYL ADIPATE<br>627-93-0              | N.D.                                           | N.D.                                         | N.D.                                 |
| 2-(2-BUTOXYETHOXY)<br>ETHANOL<br>112-34-5 | EC50 96 h Desmodesmus<br>subspicatus >100 mg/L | LC50 96 h Lepomis<br>macrochirus 1300 mg/L   | EC50 48 h Daphnia magna<br>>100 mg/L |
| Zinc pyrithione<br>13463-41-7             | N.D.                                           | N.D.                                         | N.D.                                 |

**12.2. Persistence and degradability**

No data are available on the product itself

**12.3. Bioaccumulative potential**

Discharge into the environment must be avoided.

| CAS-No.    | Chemical Name             | Bio. Conc. Factor (BCF) | Octanol-water par. Coeff (KOW) |
|------------|---------------------------|-------------------------|--------------------------------|
| 1119-40-0  | DIMETHYL GLUTARATE        | N.I.                    | 0.49                           |
| 106-65-0   | DIMETHYL SUCCINATE        | N.I.                    | 0.33                           |
| 627-93-0   | DIMETHYL ADIPATE          | N.I.                    | 1.4                            |
| 112-34-5   | 2-(2-BUTOXYETHOXY)ETHANOL | N.I.                    | 1                              |
| 13463-41-7 | Zinc pyrithione           | N.I.                    | 0.9                            |

**12.4. Mobility in soil****Mobility in soil.**

No information available

**12.5. Results of PBT and vPvB assessment**

No data are available on the product itself

**12.6. Endocrine disrupting properties**

No information available

**12.7. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste from residues / unused products.**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/container to an approved waste disposal plant.

**Contaminated packaging.**

Do not re-use empty containers.

**Other information.**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

**SECTION 14: Transport information****ADR**

|                                    |                |
|------------------------------------|----------------|
| 14.1. UN number or ID number       | Not Applicable |
| 14.2. UN proper shipping name      | Not Applicable |
| 14.3. Transport hazard class(es)   | No Information |
| 14.4. Packing group                | No Information |
| 14.5. Environmental hazards        | Yes.           |
| 14.6. Special precautions for user | No Information |

**IMDG**

|                                  |                |
|----------------------------------|----------------|
| 14.1. UN number or ID number     | Not Applicable |
| 14.2. UN proper shipping name    | Not Applicable |
| 14.3. Transport hazard class(es) | No Information |
| 14.4. Packing group              | No Information |

|                                                                      |                |
|----------------------------------------------------------------------|----------------|
| <b>14.5 Marine Pollutant</b>                                         | Yes.           |
| <b>Environmental hazards</b>                                         | Yes.           |
| <b>14.6. Special precautions for user</b>                            | No Information |
| <b>14.7. Maritime transport in bulk according to IMO instruments</b> | No Information |

**IATA**

|                                           |                |
|-------------------------------------------|----------------|
| <b>14.1. UN number or ID number</b>       | Not Applicable |
| <b>14.2. UN proper shipping name</b>      | Not Applicable |
| <b>14.3. Transport hazard class(es)</b>   | No Information |
| <b>14.4. Packing group</b>                | No Information |
| <b>14.5. Environmental hazards</b>        | Yes.           |
| <b>14.6. Special precautions for user</b> | No Information |

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information.****French table of occupational diseases**

| CAS-No.   | Chemical Name             | French table of occupational diseases |
|-----------|---------------------------|---------------------------------------|
| 1119-40-0 | DIMETHYL GLUTARATE        | RG 84                                 |
| 106-65-0  | DIMETHYL SUCCINATE        | RG 84                                 |
| 627-93-0  | DIMETHYL ADIPATE          | RG 84                                 |
| 112-34-5  | 2-(2-BUTOXYETHOXY)ETHANOL | RG 84                                 |

**European Union.**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Persistent Organic Pollutants**

Not applicable

**Authorizations and/or restrictions on use:**

| CAS-No.    | Chemical Name             | Substance subject to authorization per REACH Annex XIV | Restricted substance per REACH Annex XVII |
|------------|---------------------------|--------------------------------------------------------|-------------------------------------------|
| 112-34-5   | 2-(2-BUTOXYETHOXY)ETHANOL | No.                                                    | Yes.                                      |
| 13463-41-7 | Zinc pyrrhione            | No.                                                    | Yes.                                      |

**EU Substances of Very High Concern**

None

**International Inventories.**

|                      |                                |
|----------------------|--------------------------------|
| <b>TSCA</b>          | Contains Non Listed Components |
| <b>DSL</b>           | Contains Non Listed Components |
| <b>EINECS/ELINCS</b> | Contains Non Listed Components |
| <b>ENCS</b>          | Contains Non Listed Components |
| <b>IECSC</b>         | Contains Non Listed Components |
| <b>KECI</b>          | Contains Non Listed Components |
| <b>PICCS</b>         | Contains Non Listed Components |
| <b>AIIC</b>          | Contains Non Listed Components |
| <b>NZIoC</b>         | Contains Non Listed Components |

|                      |                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------|
| <b>TSCA</b>          | United States Toxic Substances Control Act Section 8(b) Inventory.                                |
| <b>DSL</b>           | Canadian Domestic Substances List.                                                                |
| <b>EINECS/ELINCS</b> | European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances. |
| <b>ENCS</b>          | Japan Existing and New Chemical Substances.                                                       |
| <b>IECSC</b>         | China Inventory of Existing Chemical Substances.                                                  |
| <b>KECL</b>          | Korean Existing and Evaluated Chemical Substances.                                                |
| <b>PICCS</b>         | Philippines Inventory of Chemicals and Chemical Substances.                                       |
| <b>AIIC</b>          | Australian Inventory of Industrial Chemicals.                                                     |
| <b>NZIoC</b>         | New Zealand Inventory of Chemicals.                                                               |

## 15.2. Chemical safety assessment

No.

## SECTION 16: Other information

**Revision Date** 11/25/2024

**Indication of changes:** Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

### Legend.

|      |                           |
|------|---------------------------|
| N.D. | No data available.        |
| N.I. | No information available. |
| N.A. | Not Applicable.           |
| N.R. | Not relevant.             |

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.