# SAFETY DATA SHEET

| SECTION 1: Identification of the substance/mixture and of the company/undertaking  |   |  |  |
|--|---|--|--|
| 1.1. Product identifier  |   |  |  |
| Product name   | Sole Juice Limited - Subli Glaze Translucent White Coating SGTR400 400ml Aerosols   |  |  |
| Product number   | 1812  |  |  |
| 1.2. Relevant identified uses of the substance or mixture and uses advised against |   |  |  |
| Identified uses  | Paint.  |  |  |
| 1.3. Details of the supplier of the safety data sheet                              |   |  |  |
| Supplier   | Sole Juice Limited<br>Unit 15, Aspen Court<br>Centurian Business Park<br>Bessemer Way<br>Rotherham<br>S60 1FB<br>Tel: +44 (0) 330 043 2064                                      |  |  |
| 1.4. Emergency telephone r   |   |  |  |
| Emergency telephone  | (+44) 0330 043 2064 (Hours 09:00 - 17:00 Mon to Fri)  |  |  |
| SECTION 2: Hazards identi  | ification   |  |  |
| 2.1. Classification of the sub   |   |  |  |
| Classification (EC 1272/200<br>Physical hazards                                    |   |  |  |
| Health hazards   | Aerosol 1 - H222, H229  |  |  |
|  | Eye Irrit. 2 - H319 STOT SE 3 - H336  |  |  |
| Environmental hazards  | Not Classified  |  |  |
| Human health   | Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.   |  |  |
| Environmental  | The product is not expected to be hazardous to the environment.   |  |  |
| Physicochemical  | Containers can burst violently or explode when heated, due to excessive pressure build-up.<br>The product is extremely flammable. Vapours may form explosive mixtures with air. |  |  |
| 2.2. Label elements  |   |  |  |
| Hazard pictograms  |   |  |  |
|  |   |  |  |
| Signal word  | Danger  |  |  |
| Hazard statements  | H222 Extremely flammable aerosol.<br>H229 Pressurised container: may burst if heated.<br>H319 Causes serious eye irritation.<br>H336 May cause drowsiness or dizziness.         |  |  |

| Precautionary statements               | <ul> <li>P102 Keep out of reach of children.</li> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P211 Do not spray on an open flame or other ignition source.</li> <li>P251 Do not pierce or burn, even after use.</li> <li>P261 Avoid breathing vapour/ spray.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P312 Call a POISON CENTRE/doctor if you feel unwell.</li> <li>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</li> </ul> |
|--|---|
| Supplemental label<br>information      | EUH066 Repeated exposure may cause skin dryness or cracking.  |
| Contains                               | ACETONE, N-BUTYL ACETATE, NAPHTHA (PETROLEUM), HYDROTREATED HEAVY,<br>BUTANONE, ISOPROPANOL   |
| Supplementary precautionary statements | <ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> <li>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</li> <li>P405 Store locked up.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>   |

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

| 3.2. Mixtures            |                      |  |
|--------------------------|----------------------|--|
| DIMETHYL ETHER           |                      | 30-60%   |
| CAS number: 115-10-6     | EC number: 204-065-8 | REACH registration number: 01-<br>2119472128-37-XXXX |
| Classification           |                      |  |
| Press. Gas (Liq.) - H280 |                      |  |
| ACETONE                  |                      | 30-60%   |
| CAS number: 67-64-1      | EC number: 200-662-2 | REACH registration number: 01-<br>2119471330-49-XXXX |
| Classification           |                      |  |
| Flam. Liq. 2 - H225      |                      |  |
| Eye Irrit. 2 - H319      |                      |  |
| STOT SE 3 - H336         |                      |  |

| N-BUTYL ACETATE                              |   |  | 5-10% |
|--|---|--|-------|
| CAS number: 123-86-4                         | EC number: 204-658-1  | REACH registration number: 01-<br>2119485493-29-XXXX         |       |
| <b>Classification</b><br>Flam. Liq. 3 - H226 |   |  |       |
| STOT SE 3 - H336                             |   |  |       |
| BUTANONE                                     |   |  | 1-5%  |
| CAS number: 78-93-3                          | EC number: 201-159-0  | REACH registration number: 01-<br>2119457290-43-XXXX         |       |
| Classification                               |   |  |       |
| Flam. Liq. 2 - H225                          |   |  |       |
| Eye Irrit. 2 - H319<br>STOT SE 3 - H336      |   |  |       |
| 0101 02 0 - 11000                            |   |  |       |
| Titanium Dioxide                             |   |  | 1-5%  |
| CAS number: 13463-67-7                       |   |  |       |
| Classification<br>Not Classified             |   |  |       |
| PROPAN-2-OL                                  |   |  | 1-5%  |
| CAS number: 67-63-0                          | EC number: 200-661-7  | REACH registration number: 01-<br>2119457558-25-XXXX         |       |
| Classification                               |   |  |       |
| Flam. Liq. 2 - H225                          |   |  |       |
| Eye Irrit. 2 - H319<br>STOT SE 3 - H336      |   |  |       |
|  |   |  |       |
| 2-(2-BUTOXYETHOXY)ETHANC                     | DL  |  | 1-5%  |
| CAS number: 112-34-5                         | EC number: 203-961-6  | REACH registration number: 01-<br>2119475104-44-XXXX         |       |
| Classification                               |   |  |       |
| Eye Irrit. 2 - H319                          |   |  |       |
| The full text for all hazard stateme         | ents is displayed in Section 16.  |  |       |
| SECTION 4: First aid measures                |   |  |       |
| 4.1. Description of first aid measu          |   |  |       |
|  | ove affected person to fresh air and keep<br>eathing. Get medical attention if any disc | warm and at rest in a position comfortable omfort continues. | for   |
|  | <b>.</b>  |  |       |

InhalationMove affected person to fresh air and keep warm and at rest in a position comfortable for<br/>breathing. If in doubt, get medical attention promptly.

| Ingestion   | Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.  |  |
|---|---|--|
| Skin contact  | Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.   |  |
| Eye contact   | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.   |  |
| Protection of first aiders                                | First aid personnel should wear appropriate protective equipment during any rescue.   |  |
| 4.2. Most important symptoms                              | s and effects, both acute and delayed   |  |
| General information                                       | See Section 11 for additional information on health hazards.  |  |
| 4.3. Indication of any immedia                            | te medical attention and special treatment needed   |  |
| Notes for the doctor                                      | Treat symptomatically.  |  |
| SECTION 5: Firefighting measure                           | sures   |  |
| 5.1. Extinguishing media                                  |   |  |
| Suitable extinguishing media                              | Foam, carbon dioxide or dry powder.   |  |
| 5.2. Special hazards arising fr                           | om the substance or mixture   |  |
| Specific hazards  | Containers can burst violently or explode when heated, due to excessive pressure build-up.  |  |
| 5.3. Advice for firefighters                              |   |  |
| Protective actions during firefighting                    | Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.                    |  |
| SECTION 6: Accidental release                             | se measures   |  |
| 6.1. Personal precautions, pro                            | otective equipment and emergency procedures   |  |
| Personal precautions                                      | Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.   |  |
| 6.2. Environmental precaution                             |   |  |
| Environmental precautions                                 | Avoid discharge into drains.  |  |
| 6.3. Methods and material for containment and cleaning up |   |  |
| Methods for cleaning up                                   | Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. |  |
| 6.4. Reference to other sectio                            | ns  |  |
| Reference to other sections                               | For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.   |  |
| SECTION 7: Handling and sto                               | rage  |  |
| 7.1. Precautions for safe hand                            | lling   |  |
| Usage precautions   | Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. When sprayed on a naked flame or any incandescent material the aerosol  |  |

vapours can be ignited. Use suitable respiratory protection if ventilation is inadequate.

| Advice on general<br>occupational hygiene        | Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke when using this product.   |  |
|--|---|--|
| 7.2. Conditions for safe storage                 | ge, including any incompatibilities   |  |
| Storage precautions                              | Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame. |  |
| 7.3. Specific end use(s)                         |   |  |
| Specific end use(s)                              | The identified uses for this product are detailed in Section 1.2.   |  |
| SECTION 8: Exposure controls/Personal protection |   |  |

## 8.1. Control parameters

#### Occupational exposure limits

#### DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): 400 ppm Short-term exposure limit (15-minute): 500 ppm

#### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup> Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

#### N-BUTYL ACETATE

Short-term exposure limit (15-minute): WEL 966 mg/m3 200 ppm Long-term exposure limit (8-hour TWA): WEL 724 mg/m3 150 ppm

#### BUTANONE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m<sup>3</sup> Long-term exposure limit (8-hour TWA): WEL 200 ppm 600 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 300 ppm 899 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 300 ppm 899 mg/m<sup>3</sup> Sk, Sk

#### **Titanium Dioxide**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

#### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup> Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup> Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

## 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

#### DIMETHYL ETHER (CAS: 115-10-6)

DNEL

Workers - Inhalation; Long term systemic effects: 1894 mg/m<sup>3</sup> Consumer - Inhalation; Long term systemic effects: 471 mg/m<sup>3</sup>

| PNEC | <ul> <li>Fresh water; 0.155 mg/l</li> <li>marine water; 0.016 mg/l</li> <li>Intermittent release; 1.549 mg/l</li> <li>Sediment (Freshwater); 0.681 mg/kg</li> <li>Sediment (Marinewater); 0.069 mg/kg</li> <li>STP; 160 mg/l</li> <li>Soil; 0.045 mg/kg</li> </ul>   |
|------|--|
|      | ACETONE (CAS: 67-64-1)   |
| DNEL | Workers - Dermal; Long term systemic effects: 186 mg/kg/day<br>Workers - Inhalation; Short term local effects: 2420 mg/m³<br>Workers - Inhalation; Long term systemic effects: 1210 mg/m³  |
| PNEC | - Sediment (Freshwater); 30.4 mg/kg<br>- Sediment (Marinewater); 3.04 mg/kg<br>- marine water; 1.06 mg/l<br>- Soil; 29.5 mg/kg   |
|      | N-BUTYL ACETATE (CAS: 123-86-4)  |
| DNEL | Consumer - Inhalation; Short term local effects: 859.7 mg/m <sup>3</sup><br>Consumer - Inhalation; Short term systemic effects: 859.7 mg/m <sup>3</sup><br>Workers - Inhalation; Short term systemic effects: 960 mg/m <sup>3</sup><br>Workers - Inhalation; Short term local effects: 960 mg/m <sup>3</sup><br>Consumer - Inhalation; Long term local effects: 102.34 mg/m <sup>3</sup><br>Workers - Inhalation; Long term systemic effects: 102.34 mg/m <sup>3</sup><br>Workers - Inhalation; Long term systemic effects: 102.34 mg/m <sup>3</sup> |
| PNEC | <ul> <li>Fresh water; 0.18 mg/l</li> <li>Sediment (Freshwater); 0.981 mg/kg</li> <li>Sediment (Marinewater); 0.981 mg/kg</li> <li>marine water; 0.018 mg/l</li> <li>STP; 35.6 mg/l</li> <li>Soil; 0.0903 mg/kg</li> </ul>  |
|      | BUTANONE (CAS: 78-93-3)  |
| DNEL | Consumer - Dermal; Long term systemic effects: 412 mg/kg/day<br>Consumer - Oral; Long term systemic effects: 31 mg/kg/day<br>Workers - Dermal; Long term systemic effects: 1161 mg/kg/day<br>Consumer - Inhalation; Long term systemic effects: 106 mg/m <sup>3</sup><br>Workers - Inhalation; Long term systemic effects: 600 mg/m <sup>3</sup>   |
| PNEC | <ul> <li>Fresh water; 55.8 mg/l</li> <li>Sediment (Freshwater); 284.7 mg/kg</li> <li>Intermittent release; 55.8 mg/l</li> <li>Sediment (Marinewater); 284.7 mg/kg</li> <li>marine water; 55.8 mg/l</li> <li>STP; 709 mg/l</li> <li>Soil; 22.5 mg/kg</li> </ul>   |
|      | 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)  |

| DNEL                           | Workers - Inhalation; Long term local effects: 7.5 mg/m <sup>3</sup><br>Workers - Dermal; Long term systemic effects: 10 mg/kg/day<br>Workers - Inhalation; Long term systemic effects: 5 mg/m <sup>3</sup><br>Workers - Oral; Long term systemic effects: 1.3 mg/kg/day<br>Workers - Inhalation; Short term systemic effects: 5 mg/m <sup>3</sup><br>Consumer - Inhalation; Short term local effects: 15 ppm<br>Consumer - Dermal; Long term systemic effects: 20 mg/kg/day<br>Consumer - Inhalation; Long term systemic effects: 10 ppm<br>Consumer - Inhalation; Long term local effects: 5 ppm |
|--------------------------------|--|
| PNEC                           | - Fresh water; 1 mg/l  |
|                                | - Sediment (Freshwater); 4 mg/kg   |
|                                | - Intermittent release; 3.9 mg/l   |
|                                | - Sediment (Marinewater); 0.4 mg/kg  |
|                                | - marine water; 0.1 mg/l   |
|                                | - STP; 200 mg/l  |
|                                | PROPAN-2-OL (CAS: 67-63-0)   |
| DNEL                           | Workers - Dermal; Long term systemic effects: 888 mg/kg/day  |
|                                | Workers - Inhalation; Long term systemic effects: 500 mg/m <sup>3</sup>  |
|                                | Consumer - Dermal; Long term systemic effects: 319 mg/kg/day   |
|                                | Consumer - Inhalation; Long term systemic effects: 89 mg/m <sup>3</sup>  |
|                                | Consumer - Oral; Long term systemic effects: 26 mg/kg/day  |
| PNEC                           | - Fresh water; 140.9 mg/l  |
|                                | - marine water; 140.9 mg/l   |
|                                | - Intermittent release; 140.9 mg/l   |
|                                | - STP; 2251 mg/l   |
|                                | - Soil; 28 mg/kg   |
|                                | - Sediment; 552 mg/kg  |
| 8.2. Exposure controls         |  |
| Eye/face protection            | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.   |
| Hand protection                | No specific requirements are anticipated under normal conditions of use.   |
| Other skin and body protection | Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.  |
| Respiratory protection         | No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn.   |
| SECTION 0: Physical and ab     |  |

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

| Appearance                      | Aerosol.                  |
|---------------------------------|---------------------------|
| Colour                          | White.                    |
| Odour                           | Solvents                  |
| Odour threshold                 | No information available. |
| рН                              | No information available. |
| Melting point                   | No information available. |
| Initial boiling point and range | -25 (-25 TO 230)°C @      |

| Flash point   |  |
|---|--|
|   | -41°C Closed cup.  |
| Evaporation rate  | No information available.  |
| Evaporation factor  | No information available.  |
| Flammability (solid, gas)   | No information available.  |
| Upper/lower flammability or<br>explosive limits   | Lower flammable/explosive limit: 0.6 % Upper flammable/explosive limit: 32 %   |
| Vapour pressure   | No information available.  |
| Vapour density  | No information available.  |
| Relative density  | 0.765  |
| Solubility(ies)   | Insoluble in water.  |
| Partition coefficient   | No information available.  |
| Auto-ignition temperature   | 225°C  |
| Decomposition Temperature   | No information available.  |
| Viscosity   | No information available.  |
| Explosive properties  | No information available.  |
| Oxidising properties  | No information available.  |
| 9.2. Other information  |  |
| Other information   | None.  |
| SECTION 10: Stability and rea   | activity   |
| 10.1. Reactivity  |  |
|   |  |
| Reactivity  | No test data specifically related to reactivity available for this product or its ingredients.   |
| Reactivity<br>10.2. Chemical stability  | No test data specifically related to reactivity available for this product or its ingredients.   |
| -   | No test data specifically related to reactivity available for this product or its ingredients.<br>The product may not be stable under some conditions of storage or use.   |
| 10.2. Chemical stability  | The product may not be stable under some conditions of storage or use.   |
| 10.2. Chemical stability<br>Stability   | The product may not be stable under some conditions of storage or use.   |
| 10.2. Chemical stability<br>Stability<br>10.3. Possibility of hazardous<br>Possibility of hazardous   | The product may not be stable under some conditions of storage or use.   |
| <ul> <li>10.2. Chemical stability</li> <li>Stability</li> <li>10.3. Possibility of hazardous</li> <li>Possibility of hazardous</li> <li>reactions</li> </ul>  | The product may not be stable under some conditions of storage or use.   |
| 10.2. Chemical stabilityStability10.3. Possibility of hazardousPossibility of hazardousreactions10.4. Conditions to avoid   | The product may not be stable under some conditions of storage or use.  reactions None known.  Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high   |
| 10.2. Chemical stabilityStability10.3. Possibility of hazardousPossibility of hazardousreactions10.4. Conditions to avoidConditions to avoid  | The product may not be stable under some conditions of storage or use.  reactions None known.  Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high   |
| 10.2. Chemical stabilityStability10.3. Possibility of hazardousPossibility of hazardousreactions10.4. Conditions to avoidConditions to avoid10.5. Incompatible materials  | The product may not be stable under some conditions of storage or use.          reactions         None known.         Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.         None known.   |
| 10.2. Chemical stabilityStability10.3. Possibility of hazardousPossibility of hazardousreactions10.4. Conditions to avoidConditions to avoid10.5. Incompatible materialsMaterials to avoid  | The product may not be stable under some conditions of storage or use.          reactions         None known.         Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.         None known.   |
| 10.2. Chemical stabilityStability10.3. Possibility of hazardousPossibility of hazardousreactions10.4. Conditions to avoidConditions to avoid10.5. Incompatible materialsMaterials to avoid10.6. Hazardous decomposition   | The product may not be stable under some conditions of storage or use.          reactions         None known.         Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.         None known.         on products         None at ambient temperatures. |
| 10.2. Chemical stability         Stability         10.3. Possibility of hazardous         Possibility of hazardous         reactions         10.4. Conditions to avoid         Conditions to avoid         10.5. Incompatible materials         Materials to avoid         10.6. Hazardous decomposition         products | The product may not be stable under some conditions of storage or use.          reactions         None known.         Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.         None known.         On products         None at ambient temperatures. |

## Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 287.58169935

| Inhalation                       | May cause drowsiness or dizziness. Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea. |
|----------------------------------|--|
| Skin contact                     | Skin irritation should not occur when used as recommended.   |
| Eye contact                      | Causes serious eye irritation.   |
| Acute and chronic health hazards | No known chronic or acute health risks.  |
| Route of exposure                | Inhalation Skin and/or eye contact   |

#### Toxicological information on ingredients.

#### DIMETHYL ETHER

ACETONE

| Acute toxicity - inhalation                   |           |
|---|-----------|
| Acute toxicity inhalation<br>(LC∞ gases ppmV) | 164,000.0 |
| Species                                       | Rat       |
| ATE inhalation (gases<br>ppm)                 | 164,000.0 |
| Acute toxicity - oral                         |           |
| Acute toxicity oral (LD₅₀<br>mg/kg)           | 5,800.0   |
| Species                                       | Rat       |

5,800.0

Acute toxicity - dermal Acute toxicity dermal (LD<sub>50</sub> 7,800.0

mg/kg)

ATE oral (mg/kg)

| Species  | Rabbit  |
|--|---------|
| ATE dermal (mg/kg)                               | 7,800.0 |
| Acute toxicity - inhalation                      |         |
| Acute toxicity inhalation<br>(LC₅∞ vapours mg/l) | 21.0    |

SpeciesRatATE inhalation (vapours21.0mg/l)

## N-BUTYL ACETATE

#### Acute toxicity - oral

| Acute toxicity oral (LD₅₀<br>mg/kg)            | 10,760.0 |             |
|--|----------|-------------|
| Species  | Rat      |             |
| ATE oral (mg/kg)                               | 10,760.0 |             |
| Acute toxicity - dermal                        |          |             |
| Acute toxicity dermal (LD₅₀<br>mg/kg)          | 14,113.0 |             |
| Species  | Rabbit   |             |
| ATE dermal (mg/kg)                             | 14,113.0 |             |
| Acute toxicity - inhalation                    |          |             |
| Acute toxicity inhalation (LC50 vapours mg/l)  | 23.4     |             |
| Species  | Rat      |             |
| ATE inhalation (vapours mg/l)                  | 23.4     |             |
|  |          | BUTANONE    |
| Acute toxicity - oral                          |          |             |
| Acute toxicity oral (LD₅₀<br>mg/kg)            | 2,194.0  |             |
| Species  | Rat      |             |
| ATE oral (mg/kg)                               | 2,194.0  |             |
| Acute toxicity - dermal                        |          |             |
| Acute toxicity dermal (LD₅₀<br>mg/kg)          | 5,001.0  |             |
| Species  | Rabbit   |             |
| ATE dermal (mg/kg)                             | 5,001.0  |             |
|  |          | PROPAN-2-OL |
| Acute toxicity - oral                          |          |             |
| Acute toxicity oral (LD₅₀<br>mg/kg)            | 5,045.0  |             |
| Species  | Rat      |             |
| ATE oral (mg/kg)                               | 5,045.0  |             |
| Acute toxicity - dermal                        |          |             |
| Acute toxicity dermal (LD <sub>50</sub> mg/kg) | 12,800.0 |             |
| Species  | Rabbit   |             |
| ATE dermal (mg/kg)                             | 12,800.0 |             |
| Acute toxicity - inhalation                    |          |             |
|  |          |             |

| Acute toxicity inhalation (LC <sub>50</sub> vapours mg/l) | 30.0 |
|---|------|
| Species   | Rat  |
| ATE inhalation (vapours mg/l)                             | 30.0 |

## 2-(2-BUTOXYETHOXY)ETHANOL

| Acute toxicity - oral               |         |
|-------------------------------------|---------|
| Acute toxicity oral (LD₅₀<br>mg/kg) | 2,410.0 |
| Species                             | Mouse   |
| ATE oral (mg/kg)                    | 2,410.0 |
| Acute toxicity - dermal             |         |

|                                       | 2,410.0 |
|---------------------------------------|---------|
| Acute toxicity - dermal               |         |
| Acute toxicity dermal (LD₅₀<br>mg/kg) | 2,764.0 |
| Species                               | Rabbit  |
| ATE dermal (mg/kg)                    | 2,764.0 |

**SECTION 12: Ecological information** 

#### 12.1. Toxicity

Ecological information on ingredients.

Acute aquatic toxicity

#### DIMETHYL ETHER

| LC₅₀, 96 hours: 4001 mg/l, Poecilia reticulata (Guppy) |
|--|
| EC₅₀, 48 hours: 4001 mg/l, Daphnia magna               |
| EC₅₀, 96 hours: 154.9 mg/l, Algae                      |
|  |

#### ACETONE

| Acute aquatic toxicity                    |   |
|---|---|
| Acute toxicity - fish                     | EC₅₀, 96 hours: 8300 mg/l, Lepomis macrochirus (Bluegill) |
| Acute toxicity - aquatic<br>invertebrates | EC₅₀, : 8800 mg/l, Daphnia magna                          |

### N-BUTYL ACETATE

| Acute aquatic toxicity                    |   |
|---|---|
| Acute toxicity - fish                     | LC₅₀, 24 hours: 54 mg/l, Fish<br>LC₅₀, 96 hours: 18 mg/l, Pimephales promelas (Fat-head Minnow) |
| Acute toxicity - aquatic<br>invertebrates | EC₅₀, 48 hours: 44 mg/l, Daphnia magna  |

| Acute toxicity - aquatic | EC50, 72 hours: 647.7 mg/l, Scenedesmus subspicatus |
|--------------------------|---|
| plants                   |   |

#### BUTANONE

| Acute aquatic toxicity             |                                 |
|------------------------------------|---------------------------------|
| Acute toxicity - fish              | LC₅₀, 24 hours: 5001 mg/l, Fish |
| Acute toxicity - aquatic<br>plants | LOEC, : 101 mg/l, Algae         |
|                                    | PROPAN-2-OL                     |
| Acute aquatic toxicity             |                                 |

| Acute toxicity - fish                     | $LC_{50},96$ hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow) |
|---|--|
| Acute toxicity - aquatic<br>invertebrates | EC₅₀, 48 hours: 13299 mg/l, Daphnia magna                            |
| Acute toxicity - aquatic<br>plants        | EC₅₀, 72 hours: >1 mg/l, Desmodesmus subspicatus                     |

## 2-(2-BUTOXYETHOXY)ETHANOL

## Acute aquatic toxicity

| Acute toxicity - fish                     | LC₅₀, 96 hours: 1300 mg/l, Lepomis macrochirus (Bluegill) |
|---|---|
| Acute toxicity - aquatic<br>invertebrates | EC₅₀, 48 hours: 101 mg/l, Daphnia magna                   |
| Acute toxicity - aquatic<br>plants        | EC₅₀, 96 hours: 101 mg/l, Scenedesmus subspicatus         |

## 12.2. Persistence and degradability

Persistence and degradability No data available.

| Persistence and degradability            | No data available.   |  |
|--|--|--|
| 12.3. Bioaccumulative potentia           |  |  |
| Partition coefficient                    | No information available.  |  |
| 12.4. Mobility in soil                   |  |  |
| Mobility                                 | No data available.   |  |
| 12.5. Results of PBT and vPvB assessment |  |  |
| Results of PBT and vPvB<br>assessment    | This product does not contain any substances classified as PBT or vPvB.  |  |
| 12.6. Other adverse effects              |  |  |
| Other adverse effects                    | None known.  |  |
| SECTION 13: Disposal considerations      |  |  |
| 13.1. Waste treatment methods            |  |  |
| General information                      | Dispose of waste product or used containers in accordance with local regulations Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. |  |
| Disposal methods                         | Containers should be thoroughly emptied before disposal because of the risk of an explosion.   |  |

Do not pierce or burn, even after use.

| Waste class                       | The waste code classification is to be carried out according to the European Waste Catalogue (EWC). |
|-----------------------------------|---|
| SECTION 14: Transport inform      | nation  |
| 14.1. UN number                   |   |
| UN No. (ADR/RID)                  | 1950  |
| UN No. (IMDG)                     | 1950  |
| UN No. (ICAO)                     | 1950  |
| UN No. (ADN)                      | 1950  |
| 14.2. UN proper shipping name     | 9   |
| Proper shipping name<br>(ADR/RID) | AEROSOLS, FLAMMABLE   |
| Proper shipping name (IMDG)       | AEROSOLS, FLAMMABLE   |
| Proper shipping name (ICAO)       | AEROSOLS, FLAMMABLE   |
| Proper shipping name (ADN)        | AEROSOLS, FLAMMABLE   |
| 14.3. Transport hazard class(e    | <u>s)</u>   |
| ADR/RID class                     | 2.1   |
| ADR/RID classification code       | 5F  |
| ADR/RID label                     | 2.1   |
| IMDG class                        | 2.1   |
| ICAO class/division               | 2.1   |
| ADN class                         | 2.1   |
| Transport labels                  |   |
| 14.4. Packing group               |   |

14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

| 14.6. Special precautions for user |          |
|------------------------------------|----------|
| EmS                                | F-D, S-U |
| ADR transport category             | 2        |
| Tunnel restriction code            | (D)      |

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

| SECTION 15: Regulatory information<br>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture |  |  |
|--|--|--|
|  |  |  |
| EU legislation   | <ul> <li>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16</li> <li>December 2008 on classification, labelling and packaging of substances and mixtures (as amended).</li> <li>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18</li> <li>December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).</li> <li>Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).</li> <li>Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste.</li> </ul> |  |

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

| Revision date             | 19/01/2021   |
|---------------------------|--|
| Revision                  | 3  |
| Supersedes date           | 20/01/2017   |
| SDS number                | 4931   |
| Hazard statements in full | <ul> <li>H220 Extremely flammable gas.</li> <li>H222 Extremely flammable aerosol.</li> <li>H225 Highly flammable liquid and vapour.</li> <li>H226 Flammable liquid and vapour.</li> <li>H229 Pressurised container: may burst if heated.</li> <li>H280 Contains gas under pressure; may explode if heated.</li> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H312 Harmful in contact with skin.</li> <li>H315 Causes skin irritation.</li> <li>H319 Causes serious eye irritation.</li> <li>H332 Harmful if inhaled.</li> <li>H335 May cause respiratory irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> <li>H373 May cause damage to organs through prolonged or repeated exposure.</li> </ul> |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.