

## SAFETY DATA SHEET NITOCOTE EP405 BASE

| SECTION 1: Identification of th    | e substance/mixture and of the company/undertaking   |
|------------------------------------|--|
| 1.1. Product identifier            |  |
| Product name                       | NITOCOTE EP405 BASE  |
| Product number                     | A1754104UK9, A1764344UK9   |
| UFI                                | UFI: UW50-809W-0002-QP5U, Blue., UFI: F060-S009-900K-C0RW, White.  |
| 1.2. Relevant identified uses of   | the substance or mixture and uses advised against  |
| Identified uses                    | Base component of two part epoxy system  |
| 1.3. Details of the supplier of th | e safety data sheet  |
| Supplier                           | Fosroc International Limited<br>Drayton Manor Business Park<br>Coleshill Road<br>Tamworth<br>Staffordshire<br>B78 3XN<br>England<br>Tel: +44 (0) 1827 262222<br>Fax: +44 (0) 1827 262444<br>enquiryuk@fosroc.com |
| 1.4. Emergency telephone num       | nber   |
| Emergency telephone                | +44 (0) 1827 265 279 (Monday-Sunday 24 hours a day)  |
| SECTION 2: Hazards identifica      | tion   |
| 2.1. Classification of the substa  | ance or mixture  |
| Classification (EC 1272/2008)      |  |
| Physical hazards                   | Not Classified   |
| Health hazards                     | Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317   |
| Environmental hazards              | Aquatic Chronic 2 - H411   |
| Human health                       | The product is irritating to eyes and skin. May cause sensitisation by skin contact.   |
| Environmental                      | The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.   |
| 2.2. Label elements                |  |
| Hazard pictograms                  |  |
| Signal word                        | Warning  |

| Hazard statements                      | H315 Causes skin irritation.<br>H319 Causes serious eye irritation.<br>H317 May cause an allergic skin reaction.<br>H411 Toxic to aquatic life with long lasting effects.  |
|--|--|
| Precautionary statements               | <ul> <li>P261 Avoid breathing vapour/ spray.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</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>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>   |
| Contains                               | bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, PARATERTIARY BUTYL PHENYL<br>GLYCIDYL ETHER, Formaldehyde, oligomeric reaction products with 1-chloro-2,3-<br>epoxypropane and phenol, OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS   |
| Supplementary precautionary statements | <ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P273 Avoid release to the environment.</li> <li>P321 Specific treatment (see medical advice on this label).</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P391 Collect spillage.</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

| bis[4-(2,3-EPOXYPROPOXY)PHENYL]  | PROPANE              | 10-30%   |
|--|----------------------|--|
| CAS number: 1675-54-3  | EC number: 216-823-5 |  |
| Classification<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Skin Sens. 1 - H317<br>Aquatic Chronic 2 - H411 |                      |  |
| TITANIUM DIOXIDE   |                      | 10-30%   |
| CAS number: 13463-67-7   | EC number: 236-675-5 | REACH registration number: 01-<br>2119489379-17-XXXX |
| Classification<br>Not Classified   |                      |  |

| PARATERTIARY BUTYL PH   | ENYL GLYCIDYL ETHER  | 10-30%  |
|---|--|---|
| CAS number: 3101-60-8   | EC number: 221-453-2   |   |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Skin Sens. 1 - H317<br>Aquatic Chronic 2 - H411            |  |   |
| Formaldehyde, oligomeric rea<br>2,3-epoxypropane and pheno<br>CAS number: 9003-36-5                         | action products with 1-chloro-<br>I<br>EC number: 500-006-8                                  | 5-10%   |
| Classification<br>Skin Irrit. 2 - H315<br>Skin Sens. 1 - H317<br>Aquatic Chronic 2 - H411                   |  |   |
| OXIRANE, MONO [(C12-14-<br>CAS number: 68609-97-2   | ALKYLOXY)METHYL] DERIVS<br>EC number: 271-846-8  | 1-5%  |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Skin Sens. 1 - H317                 |  |   |
| XYLENE<br>CAS number: 1330-20-7   | EC number: 215-535-7   | <1%<br>REACH registration number: 01-<br>2110488216 32 0000                                   |
| Classification<br>Flam. Liq. 3 - H226<br>Acute Tox. 4 - H312<br>Acute Tox. 4 - H332<br>Skin Irrit. 2 - H315 |  | 2113-00210-02-0000  |
| The Full Text for all R-Phrases   | and Hazard Statements are Displayed in Sect  | ion 16.   |
| SECTION 4: First aid measure  | S  |   |
| 4.1. Description of first aid mea   | asures   |   |
| General information   | Get medical attention if any discomfort contin   | Jes.  |
| Inhalation  | Move affected person to fresh air at once. Rin attention if any discomfort continues.        | se nose and mouth with water. Get medical   |
| Ingestion   | Remove affected person from source of conta<br>keep warm and at rest in a position comfortab | mination. Move affected person to fresh air and le for breathing. Rinse mouth thoroughly with |

attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.Skin contactRemove affected person from source of contamination. Remove contaminated clothing. Wash

water. Give plenty of water to drink. Keep affected person under observation. Get medical

skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

| Eye contact                                      | Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.  |
|--|---|
| 4.2. Most important symptoms                     | and effects, both acute and delayed   |
| General information                              | The severity of the symptoms described will vary dependent on the concentration and the length of exposure.   |
| Inhalation                                       | May cause respiratory system irritation.  |
| Ingestion  | May cause discomfort if swallowed. May cause stomach pain or vomiting.  |
| Skin contact                                     | Skin irritation. May cause sensitisation by skin contact.   |
| Eye contact                                      | Irritation of eyes and mucous membranes.  |
| 4.3. Indication of any immediat                  | te medical attention and special treatment needed   |
| Notes for the doctor                             | Treat symptomatically.  |
| SECTION 5: Firefighting meas                     | ures  |
| 5.1. Extinguishing media                         |   |
| Suitable extinguishing media                     | Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.  |
| Unsuitable extinguishing media                   | Do not use water jet as an extinguisher, as this will spread the fire.  |
| 5.2. Special hazards arising fro                 | om the substance or mixture   |
| Specific hazards                                 | No unusual fire or explosion hazards noted.   |
| Hazardous combustion<br>products                 | Carbon monoxide (CO). Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.  |
| 5.3. Advice for firefighters                     |   |
| Protective actions during<br>firefighting        | No specific firefighting precautions known. Control run-off water by containing and keeping it out of sewers and watercourses.  |
| Special protective equipment<br>for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.   |
| SECTION 6: Accidental releas                     | e measures  |
| 6.1. Personal precautions, pro                   | tective equipment and emergency procedures  |
| Personal precautions                             | Wear protective clothing as described in Section 8 of this safety data sheet.   |
| 6.2. Environmental precautions                   | <u>8</u>  |
| Environmental precautions                        | Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.       |
| 6.3. Methods and material for                    | containment and cleaning up   |
| Methods for cleaning up                          | Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses. |
| 6.4. Reference to other section                  |   |
| Reference to other sections                      | For waste disposal, see section 13.   |
| SECTION 7: Handling and sto                      | rage  |

#### 7.1. Precautions for safe handling

| Usage precautions                | For professional users only. Provide adequate ventilation. Avoid the formation of mists. Avoid inhalation of vapours/spray and contact with skin and eyes. |
|----------------------------------|--|
| 7.2. Conditions for safe storage | e, including any incompatibilities   |
| Storage precautions              | Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.                                 |
| Storage class                    | Chemical storage.  |
| 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

#### 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

### XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup> Sk

#### **ISO-BUTANOL**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 154 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 75 ppm 231 mg/m<sup>3</sup> WEL = Workplace Exposure Limit. Sk = Can be absorbed through the skin.

Ingredient comments

WEL = Workplace Exposure Limits

### bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE (CAS: 1675-54-3)

| DNEL | Workers - Dermal; Short term systemic effects: 8.33 mg/kg/day<br>Workers - Inhalation; Short term systemic effects: 12.25 mg/kg/day<br>Workers - Dermal; Long term systemic effects: 8.33 mg/kg/day<br>Workers - Inhalation; Long term systemic effects: 12.25 mg/kg/day<br>Consumer - Dermal; Short term systemic effects: 3.571 mg/kg/day<br>Consumer - Oral; Short term systemic effects: 0.75 mg/kg/day<br>Consumer - Dermal; Long term systemic effects: 3.571 mg/kg/day<br>Consumer - Dermal; Long term systemic effects: 0.75 mg/kg/day<br>Consumer - Oral; Long term systemic effects: 0.75 mg/kg/day |
|------|---|
| DNEL | Industry - Inhalation; Long term local effects: 10 mg/m³<br>Consumer - Oral; Long term systemic effects: 700 mg/kg/day  |
| PNEC | <ul> <li>Fresh water; 0.127 mg/l</li> <li>Sediment (Freshwater); &gt;=1000 mg/kg</li> <li>marine water; 1 mg/l</li> <li>Sediment (Marinewater); &gt;= 100 mg/kg</li> <li>Soil; 100 mg/kg</li> <li>STP; 100 mg/l</li> </ul>  |

### PARATERTIARY BUTYL PHENYL GLYCIDYL ETHER (CAS: 3101-60-8)

| DNEL                   | Workers - Inhalation; Long term, Short term systemic effects: 19.6 mg/m <sup>3</sup><br>Workers - Inhalation; Long term local effects: 19.6 mg/m <sup>3</sup><br>Workers - Dermal; Long term, Short term systemic effects: 5.6 mg/kg/day<br>Workers - Dermal; Long term, Short term local effects: 1.6 µg/cm2 |
|------------------------|---|
| PNEC                   | - Fresh water; 7.5 μg/l<br>- marine water; 0.75 μg/l<br>- STP; 100 mg/l   |
| Formaldehyde, oligome  | ric reaction products with 1-chloro-2,3-epoxypropane and phenol (CAS: 9003-36-5)  |
| DNEL                   | Workers - Inhalation; Long term systemic effects: 29.39 mg/m³<br>Workers - Dermal; Long term systemic effects: 104.15 mg/kg/day<br>Workers - Dermal; Short term local effects: 8.3 μg/cm2   |
| PNEC                   | - Fresh water; 0.003 mg/l<br>- marine water; 0.0003 mg/l<br>- STP; 10 mg/l  |
| OXIRANE                | , MONO [(C12-14- ALKYLOXY)METHYL] DERIVS (CAS: 68609-97-2)  |
| DNEL                   | Workers - Inhalation; Long term systemic effects: 3.6 mg/m³<br>Workers - Dermal; Long term systemic effects: 1 mg/kg bw/day   |
| PNEC                   | - Fresh water; 0.0072 mg/l<br>- marine water; 0.00072 mg/l  |
|                        | XYLENE (CAS: 1330-20-7)   |
| DNEL                   | Workers - Inhalation; Long term systemic effects: 77 mg/m³<br>Workers - Inhalation; Short term systemic effects: 289 mg/m³<br>Workers - Dermal; Long term systemic effects: 180 mg/kg/day   |
| PNEC                   | - Fresh water; 0.327 mg/l<br>- marine water; 0.327 mg/l<br>- STP; 6.58 mg/l   |
|                        | ISO-BUTANOL (CAS: 78-83-1)  |
| DNEL                   | Workers - Inhalation; Long term local effects: 310 mg/m <sup>3</sup>  |
| PNEC                   | - Fresh water; 0.4 mg/l<br>- marine water; 0.04 mg/l  |
| 8.2. Exposure controls |   |
|                        |   |

Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

| Eye/face protection               | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.                                    |
|-----------------------------------|--|
| Hand protection                   | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber. |
| Other skin and body<br>protection | Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.  |
| Hygiene measures                  | Provide eyewash station.   |
| Respiratory protection            | No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.  |

## SECTION 9: Physical and chemical properties

| 9.1. | Information | on basic | physical | and che | mical p | properties |
|------|-------------|----------|----------|---------|---------|------------|
|      |             |          |          |         |         |            |

| Appearance                                      | Viscous liquid.                 |
|---|---------------------------------|
| Colour  | Blue. or White.                 |
| Odour   | Mild.                           |
| Odour threshold                                 | Not determined.                 |
| рН  | Not determined.                 |
| Melting point                                   | Not determined.                 |
| Initial boiling point and range                 | > 200°C @ 1 atm                 |
| Flash point                                     | > 150°C                         |
| Evaporation rate                                | Not determined.                 |
| Evaporation factor                              | Not determined.                 |
| Flammability (solid, gas)                       | Not applicable.                 |
| Upper/lower flammability or<br>explosive limits | Not determined.                 |
| Other flammability                              | Not applicable.                 |
| Vapour pressure                                 | 0.1 kPa @ 20°C                  |
| Vapour density                                  | Not determined.                 |
| Relative density                                | 1.90 @ 20°C                     |
| Bulk density                                    | Not applicable.                 |
| Solubility(ies)                                 | Insoluble in water.             |
| Partition coefficient                           | Not applicable.                 |
| Auto-ignition temperature                       | Not determined.                 |
| Decomposition Temperature                       | Not determined.                 |
| Viscosity                                       | Not determined.                 |
| Explosive properties                            | Not considered to be explosive. |

| Explosive ur of a flame   | nder the influence  | Not considered to be explosive.  |
|---|---|--|
| Oxidising pro   | operties  | Does not meet the criteria for classification as oxidising.  |
| 9.2. Other in   | formation   |  |
| Other inform  | ation   | Not available.   |
| SECTION 10  | 0: Stability and read   | ctivity  |
| 10.1. Reactiv   | vity  |  |
| Reactivity  |   | There are no known reactivity hazards associated with this product.  |
| 10.2. Chemi   | cal stability   |  |
| Stability   |   | Stable at normal ambient temperatures.   |
| 10.3. Possib  | ility of hazardous r  | eactions   |
| Possibility of<br>reactions   | hazardous   | Under normal conditions of storage and use, no hazardous reactions will occur.   |
| 10.4. Condit  | ions to avoid   |  |
| Conditions to   | o avoid   | Avoid excessive heat for prolonged periods of time.  |
| 10.5. Incomp  | patible materials   |  |
| Materials to  | avoid   | Strong acids. Strong bases. Strong oxidising agents.   |
| 10.6. Hazaro  | lous decompositio   | n products   |
|   |   |  |
| Hazardous o<br>products   | lecomposition   | vonen heated, vapours/gases hazardous to health may be formed.   |
| Hazardous c<br>products<br>SECTION 1 <sup>-</sup>   | lecomposition 1: Toxicological infe   | ormation   |
| Hazardous c<br>products<br>SECTION 1 <sup>-1</sup><br>11.1. Informa   | lecomposition 1: Toxicological info   | vmen heated, vapours/gases hazardous to health may be formed.  ormation  al effects  |
| Hazardous of products           SECTION 1 <sup>-1</sup> 11.1. Information   | lecomposition 1: Toxicological info   | ormation <u>val effects</u> Gas or vapour may irritate the respiratory system.   |
| Hazardous of<br>products<br>SECTION 1 <sup>-1</sup><br>11.1. Information<br>Inhalation  | lecomposition 1: Toxicological info   | ormation <u>val effects</u> Gas or vapour may irritate the respiratory system. May cause stomach pain or vomiting.   |
| Hazardous c<br>products<br>SECTION 1 <sup>2</sup><br>11.1. Informa<br>Inhalation<br>Ingestion<br>Skin contact   | lecomposition 1: Toxicological info   | ormation <u>cal effects</u> Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.  |
| Hazardous c<br>products<br>SECTION 1<br>11.1. Informa<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact                                       | lecomposition 1: Toxicological infe   | ormation <u>zal effects</u> Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.         Irritating to eyes.  |
| Hazardous of<br>products<br>SECTION 1<br>11.1. Information<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact<br>Route of exp                  | lecomposition<br>1: Toxicological info<br>ation on toxicologic  | ormation <u>cal effects</u> Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.         Irritating to eyes.         Skin and/or eye contact  |
| Hazardous of<br>products<br>SECTION 1<br>11.1. Information<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact<br>Route of exp<br>Toxicologica  | lecomposition<br>1: Toxicological info<br>ation on toxicologic<br>ation on toxicologic<br>bosure  | ormation<br><u>cal effects</u><br>Gas or vapour may irritate the respiratory system.<br>May cause stomach pain or vomiting.<br>Irritating to skin. May cause sensitisation by skin contact.<br>Irritating to eyes.<br>Skin and/or eye contact<br>gredients.  |
| Hazardous of<br>products<br>SECTION 1<br>11.1. Information<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact<br>Route of exp<br>Toxicologica  | lecomposition<br>1: Toxicological info<br>ation on toxicologic<br>bosure<br>l information on ing  | ormation         al effects         Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.         Irritating to eyes.         Skin and/or eye contact         gredients.         OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS   |
| Hazardous of<br>products<br>SECTION 1<br>11.1. Information<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact<br>Route of exp<br>Toxicologica  | lecomposition<br>1: Toxicological info<br>ation on toxicologic<br>ation on toxicologic<br>bosure<br>l information on ing<br>Acute toxicity - ora  | ormation         zal effects         Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.         Irritating to eyes.         Skin and/or eye contact         gredients.         OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS  |
| Hazardous of<br>products<br>SECTION 17<br>11.1. Information<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact<br>Route of exp<br>Toxicologica | 1: Toxicological info<br>ation on toxicologic<br>ation on | when heated, vapours/gases hazardous to health may be formed.         ormation <u>val effects</u> Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.         Irritating to eyes.         Skin and/or eye contact         gredients.         OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS         al         (LDso       19,200.0 |
| Hazardous of<br>products<br>SECTION 17<br>11.1. Information<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact<br>Route of exp<br>Toxicologica | lecomposition<br>1: Toxicological info<br>ation on toxicologic<br>ation on toxicological info<br>ation on toxicological info  | ormation         >al effects         Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.         Irritating to eyes.         Skin and/or eye contact         gredients.         OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS         al         (LD <sub>50</sub> 19,200.0         Rat  |
| Hazardous of<br>products<br>SECTION 17<br>11.1. Information<br>Inhalation<br>Ingestion<br>Skin contact<br>Eye contact<br>Route of exp<br>Toxicologica | ation on toxicological info<br>ation on toxicological<br>oosure<br><u>I information on ing</u><br><u>Acute toxicity - ora</u><br>Acute toxicity oral<br>mg/kg)<br>Species<br>ATE oral (mg/kg)   | ormation         sal effects         Gas or vapour may irritate the respiratory system.         May cause stomach pain or vomiting.         Irritating to skin. May cause sensitisation by skin contact.         Irritating to eyes.         Skin and/or eye contact         gredients.         OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS         al         (LD <sub>10</sub> 19,200.0  |

|                                     | Species                           |                      | Rat   |
|-------------------------------------|-----------------------------------|----------------------|---|
|                                     | Notes (dermal LD₅                 | io)                  | LD₅₀ >2000 mg/kg, Dermal, Rabbit  |
|                                     | ATE dermal (mg/k                  | g)                   | 4,500.0   |
|                                     |                                   |                      | XYLENE  |
|                                     | Acute toxicity - der              | rmal                 |   |
|                                     | ATE dermal (mg/kg                 | g)                   | 1,100.0   |
|                                     | Carcinogenicity                   |                      |   |
|                                     | IARC carcinogenic                 | city                 | IARC Group 3 Not classifiable as to its carcinogenicity to humans.                                  |
| SECTION 12                          | 2: Ecological inform              | ation                |   |
| Ecotoxicity                         |                                   | Dangerou<br>environm | is for the environment. May cause long-term adverse effects in the aquatic ent.                     |
| 12.1. Toxicit                       | <u>y</u>                          |                      |   |
| Toxicity                            |                                   | The produ            | uct contains a substance which is harmful to aquatic organisms.                                     |
| Ecological in                       | formation on ingred               | dients.              |   |
|                                     |                                   |                      | PARATERTIARY BUTYL PHENYL GLYCIDYL ETHER  |
|                                     | Acute aquatic toxic               | city                 |   |
|                                     | Acute toxicity - fish             | ו                    | LC₅₀, 96 hours: 7.5 mg/l, Oncorhynchus mykiss (Rainbow trout)                                       |
|                                     | Acute toxicity - aqu<br>plants    | uatic                | EC₅₀, 72 hours: 9 mg/l, Pseudokirchneriella subcapitata   |
|                                     |                                   | 0)                   | KIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS  |
|                                     | Acute aquatic toxic               | city                 |   |
|                                     | Acute toxicity - fish             | I                    | LC₅₀, 96 hours: 1 - 10 mg/l, Fish<br>LC₅₀, 96 hours: 1800 mg/l, Oncorhynchus mykiss (Rainbow trout) |
|                                     | Acute toxicity - aquinvertebrates | uatic                | EC₅₀, 48 hours: 1 - 10 mg/l, Daphnia magna  |
|                                     | Acute toxicity - aqu<br>plants    | uatic                | EC₅₀, 72 hours: 844 mg/l, Algae   |
| 12.2. Persist                       | ence and degradab                 | oility               |   |
| Persistence                         | and degradability                 | The produ            | uct is not expected to be biodegradable.  |
| 12.3. Bioacc                        | umulative potential               |                      |   |
| Bioaccumulative potential Potential |                                   | Potentially          | y bioaccumulating.  |
| Partition coefficient Not appl      |                                   | Not applic           | cable.  |
| 12.4. Mobility                      | y in soil                         |                      |   |
| Mobility                            |                                   | Viscous li           | quid. Insoluble in water.   |
| 12.5. Results                       | s of PBT and vPvB                 | assessme             | ent   |
| Results of Pl<br>assessment         | BT and vPvB                       | This prod            | uct does not contain any substances classified as PBT or vPvB.                                      |

### Ecological information on ingredients.

### PARATERTIARY BUTYL PHENYL GLYCIDYL ETHER

| Results of PBT and vPvB | This substance is not classified as PBT or vPvB according to current EU criteria. |  |
|-------------------------|---|--|
| assessment              |   |  |
| advarsa affasta         |   |  |

### 12.6. Other adverse effects

Other adverse effects None known.

| SECTION 13: Disposa | al considerations |
|---------------------|-------------------|
|---------------------|-------------------|

#### 13.1. Waste treatment methods

| General information | Waste is classified as hazardous waste.   |
|---------------------|---|
| Disposal methods    | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |

### **SECTION 14: Transport information**

| 14.1. UN number  |      |
|------------------|------|
| UN No. (ADR/RID) | 3082 |
| UN No. (IMDG)    | 3082 |
| UN No. (ICAO)    | 3082 |
| UN No. (ADN)     | 3082 |

### 14.2. UN proper shipping name

ADN class

9

| Proper shipping name<br>(ADR/RID) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, PARATERTIARY BUTYL PHENYL GLYCIDYL ETHER) |  |
|-----------------------------------|---|--|
| Proper shipping name (IMDG)       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, PARATERTIARY BUTYL PHENYL GLYCIDYL ETHER) |  |
| Proper shipping name (ICAO)       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, PARATERTIARY BUTYL PHENYL GLYCIDYL ETHER) |  |
| Proper shipping name (ADN)        | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, PARATERTIARY BUTYL PHENYL GLYCIDYL ETHER) |  |
| 14.3. Transport hazard class(es)  |   |  |
| ADR/RID class                     | 9   |  |
| ADR/RID classification code       | M6  |  |
| ADR/RID label                     | 9   |  |
| IMDG class                        | 9   |  |
| ICAO class/division               | 9   |  |

### Transport labels



### 14.4. Packing group

| ADR/RID packing group |     |
|-----------------------|-----|
| IMDG packing group    | Ш   |
| ICAO packing group    | Ш   |
| ADN packing group     | III |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



#### 14.6. Special precautions for user

| EmS                                       | F-A, S-F |
|---|----------|
| ADR transport category                    | 3        |
| Emergency Action Code                     | •3Z      |
| Hazard Identification Number<br>(ADR/RID) | 90       |
| Tunnel restriction code                   | (-)      |

### 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

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as

|                | amended).  |
|----------------|--|
| EU legislation | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18<br>December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of  |
|                | Chemicals (REACH) (as amended).<br>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16<br>December 2008 on classification, labelling and packaging of substances and mixtures (as<br>amended) |
|                | Commission Regulation (EU) No 453/2010 of 20 May 2010.   |
| Guidance       | Workplace Exposure Limits EH40.  |
|                | Respiratory protective equipment at work (HSG53).  |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

| General information       | The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.  |
|---------------------------|--|
| Revision comments         | NOTE: Lines within the margin indicate significant changes from the previous revision.   |
| Revision date             | 07/09/2020   |
| Revision                  | 3c   |
| Supersedes date           | 25/10/2019   |
| SDS number                | 11903  |
| Hazard statements in full | H226 Flammable liquid and vapour.<br>H312 Harmful in contact with skin.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H332 Harmful if inhaled.<br>H411 Toxic to aquatic life with long lasting effects. |

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.