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

### 1.1 Product identifier

Trade name : Sika-Trocal C 300

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

Product use : Adhesive, For professional users only.

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

| Company name of supplier  | : | Sika Limited<br>Watchmead Welwyn Garden City<br>Hertfordshire. AL7 1BQ |
|---|---|--|
| Telephone<br>Telefax<br>E-mail address of person<br>responsible for the SDS | : | +44 (0)1707 394444<br>+44 (0)1707 329129<br>EHS@uk.sika.com            |

### **1.4 Emergency telephone number**

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

| uptry C.P. 00000020772   |  | 1 / |
|--|--|-----|
| Specific target organ toxicity - repeated  | H373: May cause damage to organs through pro-                                    |     |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system | H335: May cause respiratory irritation.  |     |
| Carcinogenicity, Category 2  | H351: Suspected of causing cancer.   |     |
| Skin sensitisation, Category 1   | H317: May cause an allergic skin reaction.                                       |     |
| Respiratory sensitisation, Category 1  | H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. |     |
| Eye irritation, Category 2   | H319: Causes serious eye irritation.   |     |
| Skin irritation, Category 2  | H315: Causes skin irritation.  |     |
| Acute toxicity, Category 4   | H332: Harmful if inhaled.  |     |
| Flammable liquids, Category 2  | H225: Highly flammable liquid and vapour.  |     |



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| exposure, Category 2  |  | longed or repeated exposure  | if inhaled.  |
| Long-term (chronic) aquatic egory 3                         | hazard, Cat-   | H412: Harmful to aquatic life fects.   | with long lasting ef-  |
| 2.2 Label elements  |  |  |  |
| Labelling (REGULATION (                                     | C) No 1272/20  | 08)  |  |
| Hazard pictograms   |  |  |  |
| Signal word   | : Danger   |  |  |
| Hazard statements   | : H225<br>H315<br>H317<br>H319<br>H332<br>H334<br>H335<br>H351<br>H373<br>H412 | Highly flammable liquid<br>Causes skin irritation.<br>May cause an allergic s<br>Causes serious eye irri<br>Harmful if inhaled.<br>May cause allergy or as<br>breathing difficulties if in<br>May cause respiratory i<br>Suspected of causing of<br>May cause damage to of<br>longed or repeated exp<br>Harmful to aquatic life of<br>fects. | skin reaction.<br>tation.<br>sthma symptoms or<br>nhaled.<br>irritation.<br>cancer.<br>organs through pro-<br>osure if inhaled.        |
| Precautionary statements                                    | : Prevention<br>P210<br>P260<br>P280   | n:<br>Keep away from heat, h<br>open flames and other<br>smoking.<br>Do not breathe mist or<br>Wear protective gloves,<br>eye protection/ face pro   | ignition sources. No<br>vapours.<br>/ protective clothing/   |
|   | <b>Response</b><br>P304 + P3<br>P342 + P3<br>P370 + P3                         | 40 + P312 IF INHALED: Ren<br>air and keep comfortab<br>POISON CENTER/ doo<br>11 If experiencing respirate<br>POISON CENTER/ doo  | move person to fresh<br>le for breathing. Call a<br>ctor if you feel unwell.<br>ory symptoms: Call a<br>ctor.<br>sand, dry chemical or |

#### Hazardous components which must be listed on the label:

Diphenylmethanediisocyanate, isomeres and homologues



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### Additional Labelling

"As from 24 August 2023 adequate training is required before industrial or professional use."

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

| Chemical name   | CAS-No.  | Classification  | Concentration |
|---|--|---|---------------|
|   | EC-No.   |   | (% w/w)       |
|   | Registration number                              |   |               |
| Diphenylmethanediisocyanate,<br>isomeres and homologues | Registration number<br>9016-87-9<br>Not Assigned | Acute Tox. 4; H332<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Resp. Sens. 1; H317<br>Carc. 2; H351<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373<br>$\longrightarrow$<br>specific concentration<br>limit<br>Eye Irrit. 2; H319<br>>= 5 %<br>Resp. Sens. 1; H334<br>>= 0,1 %<br>Skin Irrit. 2; H315<br>>= 5 % | >= 25 - < 40  |
|   |  | Skin Irrit. 2; H315   |               |



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| methyl acetate  | 79-20-9<br>201-185-2<br>01-2119459211-47-<br>XXXX  | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>EUH066   | >= 10 - < 20          |  |
| ethyl acetate   | 141-78-6<br>205-500-4<br>01-2119475103-46-<br>XXXX | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>(Central nervous<br>system)<br>EUH066          | >= 2,5 - < 5          |  |
| cyclohexane   | 110-82-7<br>203-806-2<br>01-2119463273-41-<br>XXXX | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Aquatic Acute 1;<br>H400 | >= 1 - < 2,5          |  |

Aquatic Chronic 1;

H410

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures General advice Move out of dangerous area. 1 Consult a physician. Show this safety data sheet to the doctor in attendance. If inhaled Move to fresh air. : Consult a physician after significant exposure. In case of skin contact ÷ Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician. Immediately flush eye(s) with plenty of water. In case of eye contact : Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. If swallowed Do not induce vomiting without medical advice. : Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. 4.2 Most important symptoms and effects, both acute and delayed Asthmatic appearance Symptoms Cough Respiratory disorder



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|   | Allergic reactions<br>Excessive lachrymation<br>Erythema<br>Headache<br>Dermatitis<br>See Section 11 for more detailed inform<br>and symptoms.   | nation on health effects |
| Risks   | <ul> <li>irritant effects<br/>sensitising effects</li> <li>Causes skin irritation.<br/>May cause an allergic skin reaction.<br/>Causes serious eye irritation.<br/>Harmful if inhaled.<br/>May cause allergy or asthma symptoms<br/>ties if inhaled.<br/>May cause respiratory irritation.<br/>Suspected of causing cancer.</li> </ul> |                          |
|   | May cause damage to organs through performing the exposure if inhaled.   | prolonged or repeated    |

### 4.3 Indication of any immediate medical attention and special treatment needed

Treatment

: Treat symptomatically.

## **SECTION 5: Firefighting measures**

| 5.1 | Extinguishing media<br>Suitable extinguishing media | :  | Alcohol-resistant foam<br>Carbon dioxide (CO2)<br>Dry chemical     |
|-----|---|----|--|
|     | Unsuitable extinguishing media                      | :  | Water<br>High volume water jet                                     |
| 5.2 | Special hazards arising from tl                     | he | substance or mixture   |
|     |   |    | Do not use a solid water stream as it may scatter and spread fire. |
|     | Hazardous combustion prod-                          | :  | No hazardous combustion products are known                         |
| 5.3 | Advice for firefighters                             |    |  |
|     | -   | :  | In the event of fire, wear self-contained breathing apparatus.     |
|     | Further information                                 | :  | Use water spray to cool unopened containers.                       |



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|   |   |   |
| SECTION 6: Accidental release                               | e measures  |   |
| 6.1 Personal precautions, protect                           | ive equipment and emergency procedu   | res   |
| Personal precautions  | : Use personal protective equipment.<br>Remove all sources of ignition.<br>Deny access to unprotected persons.<br>Beware of vapours accumulating to for<br>tions. Vapours can accumulate in low a |   |
| 6.2 Environmental precautions                               |   |   |
| Environmental precautions                                   | : Prevent product from entering drains.<br>If the product contaminates rivers and<br>respective authorities.  | lakes or drains inform                            |
| 6.3 Methods and material for con                            | tainment and cleaning up  |   |
| Methods for cleaning up                                     | : Contain spillage, and then collect with<br>sorbent material, (e.g. sand, earth, dia<br>miculite) and place in container for dis<br>/ national regulations (see section 13).                     | tomaceous earth, ver-<br>posal according to local |

## 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

| Advice on safe handling | <ul> <li>Avoid formation of aerosol.<br/>Avoid exceeding the given occupational exposure limits (see section 8).<br/>Do not get in eyes, on skin, or on clothing.<br/>For personal protection see section 8.<br/>Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> <li>Smoking, eating and drinking should be prohibited in the application area.<br/>Take precautionary measures against static discharge.<br/>Provide sufficient air exchange and/or exhaust in work rooms.<br/>Open drum carefully as content may be under pressure.<br/>Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).<br/>Follow standard hygiene measures when handling chemical</li> </ul> |
|-------------------------|--|
|                         | Follow standard hygiene measures when handling chemical products   |



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| Advice on protection against fire and explosion             | :   | Use explosion-proof equipment. Keep av<br>open flames/ hot surfaces. No smoking.<br>measures against electrostatic discharge     | Take precautionary   |
| Hygiene measures  | :   | Handle in accordance with good industria<br>practice. When using do not eat or drink<br>smoke. Wash hands before breaks and a    | . When using do not  |
| 7.2 Conditions for safe storage,                            | inc |  | a an an ad must be   |
| Requirements for storage areas and containers               | •   | Store in cool place. Containers which are<br>carefully resealed and kept upright to pre<br>in accordance with local regulations. |                      |
| Further information on stor-<br>age stability               | :   | No decomposition if stored and applied a   | as directed.         |
| 7.3 Specific end use(s)                                     |     |  |                      |
| Specific use(s)   | :   | Cleaning with aprotic polar solvents mus<br>Consult most current local Product Data<br>use.                                      |                      |

## **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

### **Occupational Exposure Limits**

| Components   | CAS-No.        | Value type (Form of exposure) | Control parame-<br>ters * | Basis *     |
|--|----------------|-------------------------------|---------------------------|-------------|
| Diphenylmethanediisocyanate, isomeres and homologues | 9016-87-9      | TWA                           | 0,02 mg/m3<br>(NCO)       | GB EH40     |
|  | Further inform | ation: Capable of ca          | ausing occupation         | al asthma.  |
|  |                | STEL                          | 0,07 mg/m3<br>(NCO)       | GB EH40     |
| methyl acetate                                       | 79-20-9        | TWA                           | 200 ppm<br>616 mg/m3      | GB EH40     |
|  |                | STEL                          | 250 ppm<br>770 mg/m3      | GB EH40     |
| ethyl acetate  | 141-78-6       | STEL                          | 400 ppm<br>1.468 mg/m3    | 2017/164/EU |
|  | Further inform | ation: Indicative             |                           |             |
|  |                | TWA                           | 200 ppm<br>734 mg/m3      | 2017/164/EU |
|  |                | TWA                           | 200 ppm<br>734 mg/m3      | GB EH40     |
|  |                | STEL                          | 400 ppm<br>1.468 mg/m3    | GB EH40     |
| cyclohexane  | 110-82-7       | TWA                           | 200 ppm<br>700 mg/m3      | 2006/15/EC  |



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| 1 | Further informatio | on: Indicative |                        |         |
|---|--------------------|----------------|------------------------|---------|
|   | Γ                  | WA             | 100 ppm<br>350 mg/m3   | GB EH40 |
|   | S                  |                | 300 ppm<br>1.050 mg/m3 | GB EH40 |

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

### **Biological occupational exposure limits**

| Substance name  | CAS-No.   | Control parame-<br>ters   | Sampling time                                | Basis       |
|---|-----------|---|--|-------------|
| Diphenylmethanediisocyanate, iso-<br>meres and homologues | 9016-87-9 | isocyanate-<br>derived diamine<br>(Isocyanates): 1<br>µmol/mol creati-<br>nine<br>(Urine) | At the end of the<br>period of expo-<br>sure | GB EH40 BAT |

### 8.2 Exposure controls

### **Engineering measures**

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

| Eye/face protection :      | : | Safety glasses with side-shields conforming to EN166<br>Eye wash bottle with pure water   |
|----------------------------|---|---|
| Hand protection            | : | Chemical-resistant, impervious gloves complying with an ap-<br>proved standard must be worn at all times when handling<br>chemical products. Reference number EN 374. Follow manu-<br>facturer specifications.  |
|                            |   | Suitable for short time use or protection against splashes:<br>Butyl rubber/nitrile rubber gloves (> 0,1 mm)<br>Contaminated gloves should be removed.<br>Suitable for permanent exposure:<br>Viton gloves (0.4 mm),<br>breakthrough time >30 min.  |
| Skin and body protection : | : | Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,<br>long-sleeved working clothing, long trousers). Rubber aprons<br>and protective boots are additionally recommended for mixing<br>and stirring work.  |
| Respiratory protection :   | : | In case of inadequate ventilation wear respiratory protection.<br>Respirator selection must be based on known or anticipated<br>exposure levels, the hazards of the product and the safe work-<br>ing limits of the selected respirator.<br>Use a properly fitted NIOSH approved air-purifying or air-fed<br>respirator complying with an approved standard if a risk as-<br>sessment indicates this is necessary.<br>organic vapor filter (Type A) |



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|   | A1: < 1000 ppm; A2: < 5000 ppm; A3:<br>Ensure adequate ventilation. This can<br>exhaust extraction or by general ventil<br>ods for determining inhalation exposur<br>ticular to the mixing / stirring area. In c<br>to keep the concentrations under the c<br>limits then respiration protection meas<br>Ensure adequate ventilation, especial | This can be achieved by local<br>ral ventilation. (EN 689 - Meth-<br>exposure). This applies in par-<br>rea. In case this is not sufficent<br>der the occupational exposure<br>on measures must be used. |
| Environmental exposure                                      | e controls   |  |
| General advice  | : Prevent product from entering drains.<br>If the product contaminates rivers and<br>respective authorities.   | lakes or drains inform   |

## 9.1 Information on basic physical and chemical properties

| Physical state<br>Appearance<br>Colour   | :   | liquid<br>viscous liquid<br>yellow  |
|--|-----|---|
| Odour  | :   | slight  |
| Melting point/range / Freezing point   | :   | No data available   |
| Boiling point/boiling range  | :   | 57 °C   |
| Flammability (solid, gas)  | :   | No data available   |
|  |     |   |
| Upper/lower flammability or  | exp | losive limits   |
| <b>Upper/lower flammability or</b><br>Upper explosion limit / Up-<br>per flammability limit                  | -   |   |
| Upper explosion limit / Up-  | :   | Upper flammability limit  |
| Upper explosion limit / Upper flammability limit   | :   | Upper flammability limit<br>16 %(V)<br>Lower flammability limit<br>3,1 %(V)           |
| Upper explosion limit / Up-<br>per flammability limit<br>Lower explosion limit /<br>Lower flammability limit | :   | Upper flammability limit<br>16 %(V)<br>Lower flammability limit<br>3,1 %(V)<br>-13 °C |

## SAFETY DATA SHEET According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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| рН  | : Not applicable        |                       |
| Viscosity<br>Viscosity, dynamic                             | : ca. 4.600 mPa.s       |                       |
| Viscosity, kinematic  | : > 20,5 mm2/s (40 °C)  |                       |
| Solubility(ies)<br>Water solubility                         | : practically insoluble |                       |
| Partition coefficient: n-<br>octanol/water                  | : No data available     |                       |
| Vapour pressure   | : 228 hPa (20 °C)       |                       |
| Density   | : ca. 1,1 g/cm3 (20 °C) |                       |
| Relative vapour density                                     | : No data available     |                       |
| Particle characteristics                                    | : No data available     |                       |

## 9.2 Other information

No data available

## **SECTION 10: Stability and reactivity**

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

## 10.2 Chemical stability

The product is chemically stable.

## 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.



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| 10.4 Conditions to avoid                                    |        |   |                           |
| Conditions to avoid   | :      | Heat, flames and sparks.  |                           |
| 10.5 Incompatible materials                                 |        |   |                           |
| Materials to avoid  | :      | No data available   |                           |
| 10.6 Hazardous decomposition                                | n prod | ducts   |                           |
| No decomposition if stored                                  | -      |   |                           |
| Acute toxicity<br>Harmful if inhaled.<br>Components:        |        |   |                           |
| Components:   |        |   |                           |
|   | nate,  | isomeres and homologues:  |                           |
| Acute oral toxicity   | :      | LD50 Oral (Rat): > 10.000 mg/kg   |                           |
| Acute inhalation toxicity                                   | :      | LC50: 1,5 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br>Method: Expert judgement<br>Assessment: The component/mixture i<br>short term inhalation. | is moderately toxic after |
| Acute dermal toxicity                                       | :      | LD50 Dermal (Rabbit): > 9.400 mg/kg   |                           |
|   |        |   |                           |
| ethyl acetate:  |        |   |                           |
| ethyl acetate:<br>Acute oral toxicity                       | :      | LD50 Oral (Rat): > 5.000 mg/kg  |                           |

Exposure time: 4 h Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

## Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/eye irritation

Causes serious eye irritation.



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| Respiratory or skin sensitisation  |                                     |                       |
| <b>Skin sensitisation</b><br>May cause an allergic skin reaction.        |                                     |                       |
| <b>Respiratory sensitisation</b><br>May cause allergy or asthma symptoms | or breathing difficulties if inhale | d.                    |

#### Germ cell mutagenicity

Not classified due to lack of data.

#### Carcinogenicity

Suspected of causing cancer.

#### Reproductive toxicity

Not classified due to lack of data.

## STOT - single exposure

May cause respiratory irritation.

## STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

### Aspiration toxicity

Not classified due to lack of data.

### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

#### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

**Components:** 

#### Diphenylmethanediisocyanate, isomeres and homologues:

| Toxicity to fish                 | : | LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l<br>Exposure time: 96 h            |
|----------------------------------|---|--|
| Toxicity to algae/aquatic plants | : | EC50 (Desmodesmus subspicatus (green algae)): > 1.640<br>mg/l<br>Exposure time: 72 h |



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| <b>12.2 Persistence and degradabilit</b><br>No data available |  |   |
| <b>12.3 Bioaccumulative potential</b><br>No data available    |  |   |
| <b>12.4 Mobility in soil</b><br>No data available             |  |   |
| 12.5 Results of PBT and vPvB ass                              | essment  |   |
| Product:  |  |   |
| Assessment  | This substance/mixture contains no<br>to be either persistent, bioaccumul<br>very persistent and very bioaccumu<br>0.1% or higher  | ative and toxic (PBT), or                         |
| 12.6 Endocrine disrupting proper                              | es   |   |
| Product:  |  |   |
| Assessment  | The substance/mixture does not co<br>ered to have endocrine disrupting p<br>REACH Article 57(f) or Commissio<br>(EU) 2017/2100 or Commission Re<br>levels of 0.1% or higher. | properties according to<br>n Delegated regulation |
| 12.7 Other adverse effects                                    |  |   |
| Product:<br>Additional ecological infor-<br>mation            | An environmental hazard cannot b<br>unprofessional handling or disposa<br>Harmful to aquatic life with long las  | al.   |

## **SECTION 13: Disposal considerations**

| 13.1 Waste treatment methods |   |   |
|------------------------------|---|---|
| Product                      | : | The generation of waste should be avoided or minimized<br>wherever possible.<br>Empty containers or liners may retain some product residues.<br>This material and its container must be disposed of in a safe<br>way.<br>Dispose of surplus and non-recyclable products via a licensed<br>waste disposal contractor.<br>Disposal of this product, solutions and any by-products should<br>at all times comply with the requirements of environmental<br>protection and waste disposal legislation and any regional<br>local authority requirements.<br>Avoid dispersal of spilled material and runoff and contact with<br>soil, waterways, drains and sewers. |
|                              |   |   |



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| European Waste Catalogue                                    | : 08 04 09* waste adhesives and sealar solvents or other dangerous substance |                       |
| Contaminated packaging                                      | : 15 01 10* packaging containing residue<br>by dangerous substances          | es of or contaminated |

## **SECTION 14: Transport information**

| 14.1 UN number or ID number  |   |  |
|--|---|--|
| ADR  | : | UN 1133  |
| IMDG   | : | UN 1133  |
| ΙΑΤΑ   | : | UN 1133  |
| 14.2 UN proper shipping name   |   |  |
| ADR  | : | ADHESIVES  |
| IMDG   | : | ADHESIVES  |
| ΙΑΤΑ   | : | Adhesives  |
| 14.3 Transport hazard class(es)  |   |  |
|  |   | Class Subsidiary risks   |
| ADR  | : | 3  |
| IMDG   | : | 3  |
| ΙΑΤΑ   | : | 3  |
| 14.4 Packing group   |   |  |
| <b>ADR</b><br>Packing group<br>Classification Code<br>Labels<br>Tunnel restriction code<br>Remarks | : | III<br>F1<br>3<br>(E)<br>Transport according to 2.2.3.1.4 ADR. |
| IMDG<br>Packing group<br>Labels<br>EmS Code<br>Remarks   | : | III<br>3<br>F-E, S-D<br>Transport according to 2.3.2.2 IMDG.   |
| Packing instruction (cargo aircraft)   | : | 366  |



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|--|-----|--|-----------------------|
| Packing instruction (LQ)<br>Packing group<br>Labels<br>Remarks   | :   | Y344<br>III<br>Flammable Liquids<br>Transport according to 3.3.3.1.1 IATA. |                       |
| IATA (Passenger)<br>Packing instruction (passen-<br>ger aircraft)<br>Packing instruction (LQ)<br>Packing group<br>Labels | :   | 355<br>Y344<br>III<br>Flammable Liquids                                    |                       |
| 14.5 Environmental hazards   |     |  |                       |
| <b>ADR</b><br>Environmentally hazardous  | :   | no   |                       |
| IMDG<br>Marine pollutant   | :   | no   |                       |
| IATA (Passenger)<br>Environmentally hazardous  | :   | no   |                       |
| IATA (Cargo)<br>Environmentally hazardous  | :   | no   |                       |
| 14.6 Special precautions for use   | r   |  |                       |
| The transport classification(s)  | nrc | wided berein are for informational nurnoses only                           | and solely based      |

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

| UK REACH List of restrictions (Annex 17)  | : | Conditions of restriction for the fol-<br>lowing entries should be considered:<br>Diphenylmethanediisocyanate, iso-<br>meres and homologues (Number on<br>list 56)<br>cyclohexane (Number on list 57) |
|---|---|---|
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation | : | Not applicable  |

| The Persistent Organic Pollutants Regulations (retained | : | Not applicable |  |
|---|---|----------------|--|
| Country GB 00000029773                                  |   |                |  |



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|---|--|-----------------------|--|
| Regulation (EU) 2019/1021 as a ain)   | amended for Great Brit-  |                       |  |
| International Chemical Weapon<br>Schedules of Toxic Chemicals a   |  |                       |  |
| Regulation (EC) No 1005/2009 plete the ozone layer  | on substances that de- : Not applicable  |                       |  |
| UK REACH List of substances s (Annex XIV)   | subject to authorisation : Not applicable  |                       |  |
| GB Export and import of hazard<br>Informed Consent (PIC) Regula   |  |                       |  |
| Control of Major Accident Hazar<br>2015 (COMAH)   | rds Regulations P5c FLAMMABLE LIQUIDS  |                       |  |
| Volatile organic compounds :  | Law on the incentive tax for volatile organic con<br>(VOCV)<br>Volatile organic compounds (VOC) content: 189                                     |                       |  |
|   | Directive 2010/75/EU of 24 November 2010 on<br>emissions (integrated pollution prevention and o<br>Volatile organic compounds (VOC) content: 186 | control)              |  |
| If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection. |  |                       |  |

| Health, safety and environ-   | : Environmental Protection Act 1990 & Subsidiary Regulations |
|-------------------------------|--|
| mental regulation/legislation | Health and Safety at Work Act 1974 & Subsidiary Regulations  |
| specific for the substance or | Control of Substances Hazardous to Health Regulations        |
| mixture:                      | (COSHH)  |
|                               | May be subject to the Control of Major Accident Hazards      |
|                               | Regulations (COMAH), and amendments.                         |

## 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

### **SECTION 16: Other information**

| Full text of H-Stat | tements   |
|---------------------|---|
| H225                | : Highly flammable liquid and vapour.           |
| H304                | : May be fatal if swallowed and enters airways. |
| H315                | : Causes skin irritation.                       |



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| H317  |       | May cause an allergic skin reaction.   |                        |
| H319  |       | Causes serious eye irritation.   |                        |
| H332  | :     | Harmful if inhaled.  |                        |
| H334  | :     |  | or broathing difficul  |
| П 3 3 4   | •     | May cause allergy or asthma symptoms ties if inhaled.                                  | or breathing difficul- |
| H335  | :     | May cause respiratory irritation.  |                        |
| H336  | :     | May cause drowsiness or dizziness.   |                        |
| H351  | :     | Suspected of causing cancer.   |                        |
| H373  | :     | May cause damage to organs through p exposure if inhaled.                              | rolonged or repeated   |
| H400  |       | Very toxic to aquatic life.  |                        |
| H410  | :     | Very toxic to aquatic life with long lasting   | g effects.             |
| Full text of other abbrevia                                 | tions |  |                        |
| Acute Tox.  | :     | Acute toxicity   |                        |
| Aquatic Acute   | :     | Short-term (acute) aquatic hazard  |                        |
| Aquatic Chronic   | :     | Long-term (chronic) aquatic hazard   |                        |
| Asp. Tox.   |       | Aspiration hazard  |                        |
| Carc.   | :     | Carcinogenicity  |                        |
| Eye Irrit.  | :     | Eye irritation   |                        |
| Flam. Liq.  | :     | Flammable liquids  |                        |
| Resp. Sens.   | :     |  |                        |
| •   | :     | Respiratory sensitisation  |                        |
| Skin Irrit.   | •     | Skin irritation  |                        |
| Skin Sens.  | :     | Skin sensitisation   |                        |
| STOT RE   | :     | Specific target organ toxicity - repeated  |                        |
| STOT SE   | :     | Specific target organ toxicity - single exp  |                        |
| 2006/15/EC  | :     | Europe. Indicative occupational exposur  |                        |
| 2017/164/EU   | :     | Europe. Commission Directive 2017/164<br>fourth list of indicative occupational expo   |                        |
| GB EH40   | :     | UK. EH40 WEL - Workplace Exposure L  |                        |
| GB EH40 BAT   | :     | UK. Biological monitoring guidance valu  |                        |
| 2006/15/EC / TWA  |       | Limit Value - eight hours  |                        |
| 2017/164/EU / STEL  |       | Short term exposure limit  |                        |
| 2017/164/EU / TWA   |       | Limit Value - eight hours  |                        |
| GB EH40 / TWA   | :     | Long-term exposure limit (8-hour TWA r   | reference period)      |
| GB EH40 / STEL  | :     | Short-term exposure limit (15-minute ref   |                        |
| ADR   | :     | European Agreement concerning the Int  | • •                    |
| ADK   | •     | Dangerous Goods by Road  | lemational Carnage of  |
| CAS   |       | Chemical Abstracts Service   |                        |
|   | •     |  |                        |
| DNEL  |       | Derived no-effect level  |                        |
| EC50  |       | Half maximal effective concentration   |                        |
| GHS   | :     | Globally Harmonized System   |                        |
| IATA  | :     | International Air Transport Association  |                        |
| IMDG  | :     | International Maritime Code for Dangero  |                        |
| LD50  | :     | Median lethal dosis (the amount of a ma<br>once, which causes the death of 50% (c      |                        |
|   |       | test animals)  |                        |
| LC50  | :     | Median lethal concentration (concentrat<br>air that kills 50% of the test animals duri |                        |
| MARPOL  | :     | period)<br>International Convention for the Prevent                                    |                        |
|   |       | Ships, 1973 as modified by the Protocol  | 01 1978                |



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|---|-----|---|-------------------------------------|
| OEL<br>PBT<br>PNEC<br>REACH                                 | : : | Occupational Exposure Limit<br>Persistent, bioaccumulative and toxic<br>Predicted no effect concentration<br>Regulation (EC) No 1907/2006 of the Europe<br>and of the Council of 18 December 2006 con-<br>istration, Evaluation, Authorisation and Restri<br>cals (REACH), establishing a European Cher | cerning the Reg-<br>ction of Chemi- |
| SVHC<br>vPvB  | :   | Substances of Very High Concern   |                                     |

## **Further information**

| Classification of the mixture: |      | Classification procedure:           |
|--------------------------------|------|-------------------------------------|
| Flam. Liq. 2                   | H225 | Based on product data or assessment |
| Acute Tox. 4                   | H332 | Calculation method                  |
| Skin Irrit. 2                  | H315 | Calculation method                  |
| Eye Irrit. 2                   | H319 | Calculation method                  |
| Resp. Sens. 1                  | H334 | Calculation method                  |
| Skin Sens. 1                   | H317 | Calculation method                  |
| Carc. 2                        | H351 | Calculation method                  |
| STOT SE 3                      | H335 | Calculation method                  |
| STOT RE 2                      | H373 | Calculation method                  |
| Aquatic Chronic 3              | H412 | Calculation method                  |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

GB / EN