

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## SikaCure®-4975 BE



Revision Date: 15.11.2024

Version 4.0

Print Date 15.11.2024

Date of last issue: 08.11.2022

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

#### 1.1 Product identifier

Trade name : SikaCure®-4975 BE

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

Product use : Adhesive

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

Company name of supplier : Sika Schweiz AG  
Tüffenwies 16  
8048 Zürich  
Telephone : +41 58 436 40 40  
Telefax : -  
E-mail address of person : EHS@ch.sika.com  
responsible for the SDS

#### 1.4 Emergency telephone number

Tox Info Suisse  
CH-8028 Zurich  
+41(0)44 251 51 51 / Speed calling: 145

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

|  |  |
|--|--|
| Flammable liquids, Category 2  | H225: Highly flammable liquid and vapour.  |
| Acute toxicity, Category 4   | H332: Harmful if inhaled.  |
| Skin irritation, Category 2  | H315: Causes skin irritation.  |
| Eye irritation, Category 2   | H319: Causes serious eye irritation.   |
| Respiratory sensitisation, Category 1  | H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Skin sensitisation, Category 1   | H317: May cause an allergic skin reaction.                                       |
| Carcinogenicity, Category 2  | H351: Suspected of causing cancer.   |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.   |

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Specific target organ toxicity - single exposure, Category 3, Respiratory system

H335: May cause respiratory irritation.

Specific target organ toxicity - repeated exposure, Category 2

H373: May cause damage to organs through prolonged or repeated exposure.

### 2.2 Label elements

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

Hazard pictograms :



Signal word : Danger

Hazard statements :

|      |  |
|------|--|
| H225 | Highly flammable liquid and vapour.  |
| H315 | Causes skin irritation.  |
| H317 | May cause an allergic skin reaction.                                       |
| H319 | Causes serious eye irritation.   |
| H332 | Harmful if inhaled.  |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation.  |
| H336 | May cause drowsiness or dizziness.   |
| H351 | Suspected of causing cancer.   |
| H373 | May cause damage to organs through prolonged or repeated exposure.         |

Precautionary statements : **Prevention:**

|      |  |
|------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260 | Do not breathe mist or vapours.  |
| P280 | Wear protective gloves/ protective clothing/ eye protection/ face protection.                  |

#### **Response:**

|                    |   |
|--------------------|---|
| P304 + P340 + P312 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. |
| P342 + P311        | If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.   |
| P370 + P378        | In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  |

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

ethyl acetate

Diphenylmethanediisocyanate, isomeres and homologues

Isocyanic acid, polymethylenepolyphenylene ester, polymer with 2,2',2''-nitrotris[ethanol]

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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.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name | CAS-No.<br>EC-No.<br>Registration number       | Classification  | Concentration<br>(% w/w) |
|---------------|--|---|--------------------------|
| ethyl acetate | 141-78-6<br>205-500-4<br>01-2119475103-46-XXXX | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>(Central nervous system)<br>EUH066 | >= 60 - < 80             |

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|  |   |  |              |
|--|---|--|--------------|
| Diphenylmethanediisocyanate, isomeres and homologues   | 9016-87-9<br>Not Assigned                     | Acute Tox. 4; H332<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Resp. Sens. 1; H334<br>Skin Sens. 1; H317<br>Carc. 2; H351<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373<br><br>specific concentration limit<br>Eye Irrit. 2; H319<br>>= 5 %<br><br>specific concentration limit<br>Resp. Sens. 1; H334<br>>= 0,1 %<br><br>specific concentration limit<br>Skin Irrit. 2; H315<br>>= 5 %<br><br>specific concentration limit<br>STOT SE 3; H335<br>>= 5 % | >= 10 - < 20 |
| Isocyanic acid, polymethylenepolyphenylene ester, polymer with 2,2',2''-nitriлотris[ethanol] | 61909-68-0<br>Not Assigned                    | Acute Tox. 4; H332<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Carc. 2; H351<br>STOT SE 3; H335<br>(Respiratory system)<br>STOT RE 2; H373   | >= 10 - < 20 |
| butanone   | 78-93-3<br>201-159-0<br>01-2119457290-43-XXXX | Flam. Liq. 2; H225<br>Eye Irrit. 2; H319<br>STOT SE 3; H336<br>(Central nervous system)<br>EUH066  | >= 1 - < 2,5 |

For explanation of abbreviations see section 16.

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
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.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
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

- Symptoms : Asthmatic appearance  
Cough  
Respiratory disorder  
Allergic reactions  
Excessive lachrymation  
Erythema  
Headache  
Dermatitis  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
sensitising effects
- Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Harmful if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Suspected of causing cancer.

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May cause damage to organs through prolonged or repeated exposure.

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

Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : Water

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment 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 measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

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### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : Avoid formation of aerosol.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
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.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharge.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Follow standard hygiene measures when handling chemical products
- Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.
- Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

- Specific use(s) : Cleaning with aprotic polar solvents must be avoided.  
Consult most current local Product Data Sheet prior to any use.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

| Components   | CAS-No.  | Value type (Form of exposure) | Control parameters *               | Basis *     |
|--|--|-------------------------------|------------------------------------|-------------|
| ethyl acetate  | 141-78-6   | STEL                          | 400 ppm<br>1.468 mg/m <sup>3</sup> | 2017/164/EU |
|  | Further information: Indicative  |                               |                                    |             |
|  |  | TWA                           | 200 ppm<br>734 mg/m <sup>3</sup>   | 2017/164/EU |
|  |  | TWA                           | 200 ppm<br>730 mg/m <sup>3</sup>   | CH SUVA     |
|  | Further information: National Institute for Occupational Safety and Health, Institut National de Recherche et de Sécurité pour la prévention des accidents du travail et des maladies professionnelles, Harm to the unborn child is not to be expected when the OEL-value is respected   |                               |                                    |             |
|  |  | STEL                          | 400 ppm<br>1.460 mg/m <sup>3</sup> | CH SUVA     |
| Diphenylmethanediisocyanate, isomeres and homologues | 9016-87-9  | TWA                           | 0,02 mg/m <sup>3</sup><br>(NCO)    | CH SUVA     |
|  | Further information: Sensitizers; Substances marked with an S can lead to very strong allergic reactions., Health and Safety Executive (Occupational Medicine and Hygiene Laboratory)  |                               |                                    |             |
|  |  | STEL                          | 0,02 mg/m <sup>3</sup><br>(NCO)    | CH SUVA     |
| butanone   | 78-93-3  | TWA                           | 200 ppm<br>600 mg/m <sup>3</sup>   | 2000/39/EC  |
|  | Further information: Indicative  |                               |                                    |             |
|  |  | STEL                          | 300 ppm<br>900 mg/m <sup>3</sup>   | 2000/39/EC  |
|  |  | TWA                           | 200 ppm<br>590 mg/m <sup>3</sup>   | CH SUVA     |
|  | Further information: Toxic by skin resorption possible; Substances, which are easily absorbed through the skin, can give by additional skin resorption a substantial higher risk compared to only inhalation by the airways., National Institute for Occupational Safety and Health, Occupational Safety and Health Administration, Institut National de Recherche et de Sécurité pour la prévention des accidents du travail et des maladies professionnelles, Harm to the unborn child is not to be expected when the OEL-value is respected |                               |                                    |             |
|  |  | STEL                          | 200 ppm<br>590 mg/m <sup>3</sup>   | CH SUVA     |

\*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 parameters | Sampling time     | Basis  |
|----------------|---------|--------------------|-------------------|--------|
| butanone       | 78-93-3 | 2-butanone         | Before next shift | CH BAT |



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|  |  |   |  |        |
|--|--|---|--|--------|
|  |  | (MEK): 2 mg/l<br>(Urine)                                  | or 16 hours after<br>last shift, Imme-<br>diately after<br>exposure or<br>after working<br>hours |        |
|  |  | 2-Butanon (MEK):<br>27.7 micromol per<br>litre<br>(Urine) | Immediately<br>after exposure<br>or after working<br>hours                                       | CH 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  
Eye wash bottle with pure water
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
- Suitable for short time use or protection against splashes:  
Butyl rubber/nitrile rubber gloves (> 0,1 mm)  
Contaminated gloves should be removed.  
Suitable for permanent exposure:  
Viton gloves (0.4 mm),  
breakthrough time >30 min.
- Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.  
organic vapor filter (Type A)  
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.  
Ensure adequate ventilation, especially in confined areas.

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### Environmental exposure controls

General advice : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : liquid  
Appearance : viscous liquid  
Colour : various  
  
Odour : solvent-like  
  
Melting point/ range / Freezing point : No data available  
  
Boiling point/boiling range : No data available  
  
Flammability (solid, gas) : No data available

### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : 11,5 %(V)  
  
Lower explosion limit / Lower flammability limit : 2,1 %(V)  
  
Flash point : -4 °C  
Method: closed cup  
  
Auto-ignition temperature : 427 °C  
  
Decomposition temperature : No data available  
  
pH : Not applicable  
substance/mixture is non-soluble (in water)

### Viscosity

Viscosity, dynamic : ca. 100 mPa.s (20 °C)

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Viscosity, kinematic : No data available

### Solubility(ies)

Water solubility : No data available

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 99,9915 hPa

Density : ca. 1 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

Particle characteristics : No data available

### 9.2 Other information

No data available

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## 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.

### 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 products

:

No hazardous decomposition products are known.

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### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity

Harmful if inhaled.

##### Components:

###### ethyl acetate:

- Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg
- Acute inhalation toxicity : LC50 (Rat): ca. 1.600 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour
- Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

###### Diphenylmethanediisocyanate, isomeres and homologues:

- Acute oral toxicity : LD50 Oral (Rat): > 10.000 mg/kg
- Acute inhalation toxicity : LC50: 1,5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Expert judgement  
Assessment: The component/mixture is moderately toxic after short term inhalation.
- Acute dermal toxicity : LD50 Dermal (Rabbit): > 9.400 mg/kg

###### butanone:

- Acute oral toxicity : LD50 Oral (Rat): 3.300 mg/kg
- Acute inhalation toxicity : LC50 (Rat): 36 mg/l  
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

#### Skin sensitisation

May cause an allergic skin reaction.

#### Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### 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.

May cause drowsiness or dizziness.

#### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

#### 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.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

#### Diphenylmethanediisocyanate, isomeres and homologues:

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l  
Exposure time: 96 h

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 1.640 mg/l  
Exposure time: 72 h

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### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : 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..

### 12.6 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.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : There is no data available for this product.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

Waste code Switzerland : 08 04 09 [S] waste adhesives and sealants containing organic

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VeVA/LVA solvents or other dangerous substances

### SECTION 14: Transport information

#### 14.1 UN number or ID number

**ADR** : UN 1866  
**IMDG** : UN 1866  
**IATA** : UN 1866

#### 14.2 UN proper shipping name

**ADR** : RESIN SOLUTION  
**IMDG** : RESIN SOLUTION  
**IATA** : Resin solution

#### 14.3 Transport hazard class(es)

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADR</b>  | : 3   |                  |
| <b>IMDG</b> | : 3   |                  |
| <b>IATA</b> | : 3   |                  |

#### 14.4 Packing group

**ADR**  
Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3  
Tunnel restriction code : (D/E)

**IMDG**  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-E

#### **IATA (Cargo)**

Packing instruction (cargo aircraft) : 364  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

#### **IATA (Passenger)**

Packing instruction (passenger aircraft) : 353  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

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### 14.5 Environmental hazards

#### ADR

Environmentally hazardous : no

#### IMDG

Marine pollutant : no

#### IATA (Passenger)

Environmentally hazardous : no

#### IATA (Cargo)

Environmentally hazardous : no

### 14.6 Special precautions for user

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.

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## SECTION 15: Regulatory information

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

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:  
Number on list 3

Number on list 56: Diphenylmethanediisocyanate, isomeres and homologues

Number on list 74: Diphenylmethanediisocyanate, isomeres and homologues

Number on list 75:

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (=> 0.1 %).



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REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

PIC Ordinance, ChemPICO (814.82) : Not applicable

Ordinance on Protection against Major Accidents  
Threshold quantity according to Major Accidents Ordinance (MAO 814.012) : 20.000 kg

Chemical Risk Reduction Ordinance (ORRChem, SR 814.81) : Conditions of restriction for the following annexes should be considered:  
Annex 1.11 Dangerous liquid substances  
Diphenylmethanediisocyanate, isomeres and homologues: Annex 2.9 Plastics and additives

Waters Protection Ordinance (WPO 814.201)  
Water pollution class : slightly hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
Volatile organic compounds (VOC) content: 65,97% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 65,97% w/w

### Other regulations:

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective measures.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not com-

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pleting any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

### 15.2 Chemical safety assessment

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

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## SECTION 16: Other information

### Full text of H-Statements

|      |   |   |
|------|---|---|
| H225 | : | Highly flammable liquid and vapour.   |
| H315 | : | Causes skin irritation.   |
| H317 | : | May cause an allergic skin reaction.  |
| H319 | : | Causes serious eye irritation.  |
| H332 | : | Harmful if inhaled.   |
| H334 | : | May cause allergy or asthma symptoms or breathing difficulties if inhaled.    |
| H335 | : | May cause respiratory irritation.   |
| H336 | : | May cause drowsiness or dizziness.  |
| H351 | : | Suspected of causing cancer.  |
| H373 | : | May cause damage to organs through prolonged or repeated exposure.            |
| H373 | : | May cause damage to organs through prolonged or repeated exposure if inhaled. |

### Full text of other abbreviations

|                    |   |  |
|--------------------|---|--|
| Acute Tox.         | : | Acute toxicity   |
| 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 exposure   |
| STOT SE            | : | Specific target organ toxicity - single exposure   |
| 2000/39/EC         | : | Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values   |
| 2017/164/EU        | : | Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values |
| CH BAT             | : | Switzerland. List of BAT-values  |
| CH SUVA            | : | Switzerland. Limit values at the work place  |
| 2000/39/EC / TWA   | : | Limit Value - eight hours  |
| 2000/39/EC / STEL  | : | Short term exposure limit  |
| 2017/164/EU / STEL | : | Short term exposure limit  |
| 2017/164/EU / TWA  | : | Limit Value - eight hours  |
| CH SUVA / TWA      | : | Time Weighted Average  |
| CH SUVA / STEL     | : | Short Term Exposure Limit  |
| ADR                | : | European Agreement concerning the International Carriage of Dangerous Goods by Road                                  |
| CAS                | : | Chemical Abstracts Service   |

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|        |  |
|--------|--|
| DNEL   | : Derived no-effect level  |
| EC50   | : Half maximal effective concentration   |
| GHS    | : Globally Harmonized System   |
| IATA   | : International Air Transport Association  |
| IMDG   | : International Maritime Code for Dangerous Goods  |
| LD50   | : Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)  |
| LC50   | : Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)   |
| MARPOL | : International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978  |
| OEL    | : Occupational Exposure Limit  |
| PBT    | : Persistent, bioaccumulative and toxic  |
| PNEC   | : Predicted no effect concentration  |
| REACH  | : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC   | : Substances of Very High Concern  |
| vPvB   | : Very persistent and very bioaccumulative   |

### Further information

#### Classification of the mixture:

|               |      |
|---------------|------|
| Flam. Liq. 2  | H225 |
| Acute Tox. 4  | H332 |
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2  | H319 |
| Resp. Sens. 1 | H334 |
| Skin Sens. 1  | H317 |
| Carc. 2       | H351 |
| STOT SE 3     | H336 |
| STOT SE 3     | H335 |
| STOT RE 2     | H373 |

#### Classification procedure:

|                                     |
|-------------------------------------|
| Based on product data or assessment |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| Calculation method                  |
| 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 !

CH / EN

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