



SAFETY DATA SHEET

Tilia Universalrent



SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued 26.05.2015

1.1. Product identifier

Product name Tilia Universalrent

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

Use of the substance/preparation For degreasing of metal, plastic, leather etc

Relevant identified uses
 SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
 PC14 Metal surface treatment products, including galvanic and electroplating products,
 PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)
 ERC4 Industrial use of processing aids in processes and products, not becoming part of articles
 ERC8A Wide dispersive indoor use of processing aids in open systems

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company name SIMFAS AB
 Postal address Box 129
 Postcode 272 23
 City Simrishamn
 Country Sweden
 Tel + 46 414 170 90
 E-mail eva.lundholm@lyckeby.com
 Website <http://www.simfas.se>
 Contact person Eva Lundholm

1.4. Emergency telephone number

Emergency telephone SOS Alarm:112

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Eye Dam. 1;H318;

2.2. Label elements

Hazard Pictograms (CLP)



Composition on the label C9-11 Alkoholetoxylat:< 3 %, Tetrasodium ethylene diamine tetraacetate:< 1,5

| | |
|--------------------------|--|
| | % |
| Signal word | Danger |
| Hazard statements | H318 Causes Serious eye damage. |
| Precautionary statements | P280 Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Child-protection | Yes |
| Tactile warnings | Yes |

2.3. Other hazards

| | |
|---------------|-----------------------------|
| PBT / vPvB | No |
| Other hazards | No other hazards are known. |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Substance | Identification | Classification | Contents |
|---|---|--|----------|
| C9-11 Alkoholetoxylat | CAS no.: 68439-46-3 | Xi; R41 Eye Dam. 1; H318 | < 3 % |
| Tetrasodium ethylene diamine tetraacetate | CAS no.: 64-02-8 EC no.: 200-573-9 Index no.: 607-428-00-2 | Xn; R22 Xi; R41 Acute tox. 4; H302 Eye Dam. 1; H318 | < 1,5 % |
| Substance comments | See Section 16 for the full wording of the Risk and Hazard phrases in this section. Any existing hygienic exposure limits, should they exist, are indicated in Section 8. | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|--|
| Inhalation | Fresh air. |
| Skin contact | Wash skin with soap and water. |
| Eye contact | Rinse with water. Contact physician if discomfort continues. |
| Ingestion | DO NOT INDUCE VOMITING! Drink several glasses of water. Seek medical advice at once. |

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

| | |
|----------------------------|------------------------------|
| Acute symptoms and effects | Irritating to eyes and skin. |
|----------------------------|------------------------------|

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

| | |
|-------------------|--------------------------|
| Other Information | No recommendation given. |
|-------------------|--------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | Water spray, foam, dry powder or carbon dioxide. |
| Improper extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|----------------------------|--|
| Fire and explosion hazards | Carbon dioxide (CO ₂). Carbon monoxide (CO). |
|----------------------------|--|

5.3. Advice for firefighters

| | |
|--------------------------|---|
| Fire fighting procedures | Self contained breathing apparatus and full protective clothing must be worn in case of fire. Keep run-off water out of sewers and water sources. Dike for water control. |
|--------------------------|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|--|
| General measures | Observe the safety precautions listed in points 7 and 8 below. |
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6.2. Environmental precautions

| | |
|--------------------------------------|--|
| Environmental precautionary measures | Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation. If this is not possible notify police and appropriate authorities immediately. |
|--------------------------------------|--|

6.3. Methods and material for containment and cleaning up

| | |
|-----------------|---|
| Cleaning method | Absorb in vermiculite, dry sand or earth and place into containers. |
|-----------------|---|

6.4. Reference to other sections

| | |
|--------------------|--|
| Other instructions | For personal protective equipment, see Section 8 and for other advice on waste management, see Section 13. |
|--------------------|--|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|----------|--|
| Handling | Observe good chemical hygiene practices. |
|----------|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|---------------------|---|
| Storage | Store in closed original container at temperatures between 0°C and 40°C. |
| Conditions To Avoid | Avoid contact with oxidising agents. Store isolated from reducing agents. |

7.3. Specific end use(s)

| | |
|-----------------|--|
| Specific use(s) | Supplemental product information is provided in the technical documentation. |
|-----------------|--|

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

| | |
|-------------------------------------|---|
| Limitation of exposure on workplace | Provide adequate general and local exhaust ventilation. |
|-------------------------------------|---|

Precautionary measures to prevent exposure

| | |
|--|---|
| Technical measures to prevent exposure | Provide adequate general and local exhaust ventilation. |
|--|---|

Respiratory protection

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|------------------------|--|
| Respiratory protection | Respiratory protection must be used if air contamination exceeds acceptable level. Använd hjälm med filter: ABEK |
|------------------------|--|

Hand protection

| | |
|-----------------|---------------------------------|
| Hand protection | Nitrile gloves are recommended. |
|-----------------|---------------------------------|

Eye / face protection

| | |
|----------------|---|
| Eye protection | If risk of splashing, wear safety goggles or face shield. |
|----------------|---|

Skin protection

| | |
|--------------------------------|--------------------------------|
| Skin protection (except hands) | Provide eyewash, quick drench. |
|--------------------------------|--------------------------------|

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------|
| Physical state | Clear liquid. |
| Colour | Clear |
| Odour | Slight odour. |
| pH (as supplied) | Value: 11,5 |
| Comments, Melting point / melting range | Not determined. |
| Comments, Flash point | Not determined. |
| Comments, Evaporation rate | Not determined. |
| Flammability (solid, gas) | Not determined. |
| Comments, Explosion limit | Not determined. |
| Comments, Vapour pressure | Not determined. |
| Comments, Vapour density | Not determined. |

| | |
|--|-------------------------------|
| Specific gravity | Value: 0,99 |
| Solubility description | Forms an emulsion with water. |
| Solubility in fat | Not determined. |
| Comments, Partition coefficient: n-octanol / water | Not determined. |
| Comments, Decomposition temperature | Not determined. |
| Comments, Viscosity | Not determined. |
| Oxidising properties | Not determined. |

9.2. Other information

Other physical and chemical properties

| | |
|----------|---|
| Comments | The values indicated do not always correspond to the product specification. Specific values are given in the technical documentation. |
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SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|------------|---|
| Reactivity | No dangerous reactions under correct storage and handling procedures. |
|------------|---|

10.2. Chemical stability

| | |
|-----------|---|
| Stability | Stable under the prescribed storage conditions. |
|-----------|---|

10.3. Possibility of hazardous reactions

| | |
|------------------------------------|--------------------------|
| Possibility of hazardous reactions | No recommendation given. |
|------------------------------------|--------------------------|

10.4. Conditions to avoid

| | |
|---------------------|--|
| Conditions to avoid | Reducing agent - avoid contact with oxidisers. |
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10.5. Incompatible materials

| | |
|--------------------|---------------|
| Materials to avoid | Data lacking. |
|--------------------|---------------|

10.6. Hazardous decomposition products

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| Hazardous decomposition products | Nitrous gases (NOx). |
|----------------------------------|----------------------|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological data for substances

| | |
|-----------|---|
| Substance | C9-11 Alkoholetoxylat |
| LD50 oral | Value: > 2000 mg/kg Animal test species: Rat |

Potential acute effects

| | |
|-------------|------------------------|
| Eye contact | Splashes may irritate. |
|-------------|------------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|-----------------|
| Aquatic, comments | Not determined. |
|-------------------|-----------------|

Toxicological data for substances

12.2. Persistence and degradability

| | |
|-------------------------------|-----------------|
| Persistence and degradability | Not determined. |
|-------------------------------|-----------------|

12.3. Bioaccumulative potential

| | |
|---------------------------|-----------------|
| Bioaccumulative potential | Not determined. |
|---------------------------|-----------------|

12.4. Mobility in soil

| | |
|----------------------------|-----------------|
| Comments, Water solubility | Not determined. |
|----------------------------|-----------------|

12.5. Results of PBT and vPvB assessment

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|------------------------|-----------------|
| PBT assessment results | Not determined. |
|------------------------|-----------------|

12.6. Other adverse effects

Comments Global warming potential Not determined

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Specify the appropriate methods of disposal Liquid components can be disposed of by incineration.

Product classified as hazardous waste Yes

Packaging classified as hazardous waste Yes

EWC waste code EWC: 110113 degreasing wastes containing dangerous substances

SECTION 14: Transport information**14.1. UN number**

Comments Not dangerous goods.

14.2. UN proper shipping name

Comments Not dangerous goods.

14.3. Transport hazard class(es)

Comments Not dangerous goods.

14.4. Packing group

Comments Not dangerous goods.

14.5. Environmental hazards

Comments Not dangerous goods.

14.6. Special precautions for user

Special safety precautions for user No recommendation given.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Additional information.

Additional information. Not relevant.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Legislation and regulations The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Eye Dam. 1; H318;

List of relevant R-phrases (under headings 2 and 3). R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

List of relevant H-phrases (Section 2 and 3). H318 Causes Serious eye damage.
H302 Harmful if swallowed.

Information which has been added, deleted or revised Version 1.

Version 1

| | |
|-----------------------------------|--------------|
| Responsible for safety data sheet | SIMFAS AB |
| Prepared by | Eva Lundholm |