

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 08.04.2019

Version number 9

Revision: 08.04.2019

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

#### 1.1 Product identifier

Trade name: **Natura Impregnator**

Article number: 12045, 12046

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

No further relevant information available.

Application of the substance / the mixture

Protective impregnation

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

Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH  
Lechstrasse 28  
D 90451 Nürnberg

Tel. +49(0)911-642960  
Fax. +49(0)911-644456  
e-mail info@akemi.de

Further information obtainable from:

Laboratory

#### 1.4 Emergency telephone number:

+44 (171) 635 91 91  
National Poison Inform. Centre  
Medical Toxicology Unit  
Avalonley Road  
London SE14 5ER  
Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH  
Tel. +49(0)911-64296-59  
Reachable during the following office hours:  
Monday – Thursday from 07:30 a.m. to 16:30 p.m.  
Friday from 07:30 a.m. to 13:30 p.m.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Void

Hazard pictograms

Void

Signal word

Void

Hazard-determining components of labelling:

Not applicable.

Hazard statements

Void

Additional information:

Contains biocidal products: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

#### 2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterisation: Mixtures

Description: Mixture: consisting of the following components.

Dangerous components: Void

Additional information: For the wording of the listed hazard phrases refer to section 16.

(Contd. on page 2)

GB

# Safety data sheet

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**Trade name:** Natura Impregnator

(Contd. of page 1)

**SECTION 4: First aid measures****4.1 Description of first aid measures**

- General information: No special measures required.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.  
If skin irritation continues, consult a doctor.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

No further relevant information available.

**5.3 Advice for firefighters**

- Protective equipment: No special measures required.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Not required.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

No special measures required.

**Information about fire - and explosion protection:**

No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

No special requirements.

**Information about storage in one common storage facility:**

Not required.

(Contd. on page 3)

# Safety data sheet

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Version number 9

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**Trade name: Natura Impregnator**

(Contd. of page 2)

- Further information about storage conditions: Protect from frost.
- Storage class: 12
- **7.3 Specific end use(s)** No further relevant information available.

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

- Additional information about design of technical facilities: No further data; see item 7.
- **8.1 Control parameters**
- Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- Personal protective equipment:
- General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not required.
- Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR
- As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR
- Not suitable are gloves made of the following materials: Leather gloves  
Strong material gloves
- Eye protection: Goggles recommended during refilling

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- General Information
- Appearance:
  - Form: Fluid
  - Colour: White
- Odour: Odourless
- Odour threshold: Not determined.

(Contd. on page 4)

GB

# Safety data sheet

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Printing date 08.04.2019

Version number 9

Revision: 08.04.2019

**Trade name: Natura Impregnator**

(Contd. of page 3)

· pH-value at 20 °C:	7.5
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	100 °C
· Flash point:	Not applicable.
· Flammability (solid, gas):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density at 20 °C:	1 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.0 %
Water:	86.6 %
· <b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

**ATE (Acute Toxicity Estimates)**

Dermal LD50 400,303 mg/kg (rabbit)

(Contd. on page 5)

## Safety data sheet

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Version number 9

Revision: 08.04.2019

**Trade name: Natura Impregnator**

(Contd. of page 4)

- |  |   |
|--|---|
| · <u>Primary irritant effect:</u>  | Based on available data, the classification criteria are not met. |
| · <u>Skin corrosion/irritation</u>   | Based on available data, the classification criteria are not met. |
| · <u>Serious eye damage/irritation</u>   | Based on available data, the classification criteria are not met. |
| · <u>Respiratory or skin sensitisation</u>   | Based on available data, the classification criteria are not met. |
| · <u>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</u> |   |
| · <u>Germ cell mutagenicity</u>  | Based on available data, the classification criteria are not met. |
| · <u>Carcinogenicity</u>   | Based on available data, the classification criteria are not met. |
| · <u>Reproductive toxicity</u>   | Based on available data, the classification criteria are not met. |
| · <u>STOT-single exposure</u>  | Based on available data, the classification criteria are not met. |
| · <u>STOT-repeated exposure</u>  | Based on available data, the classification criteria are not met. |
| · <u>Aspiration hazard</u>   | Based on available data, the classification criteria are not met. |

**SECTION 12: Ecological information**

- |  |  |
|--|--|
| · <b>12.1 Toxicity</b>                           |  |
| · <u>Aquatic toxicity:</u>                       | No further relevant information available.   |
| · <b>12.2 Persistence and degradability</b>      |  |
| · <u>12.2 Persistence and degradability</u>      | No further relevant information available.   |
| · <b>12.3 Bioaccumulative potential</b>          |  |
| · <u>12.3 Bioaccumulative potential</u>          | No further relevant information available.   |
| · <b>12.4 Mobility in soil</b>                   |  |
| · <u>12.4 Mobility in soil</u>                   | No further relevant information available.   |
| · <u>Additional ecological information:</u>      |  |
| · <u>General notes:</u>                          | Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water |
| · <b>12.5 Results of PBT and vPvB assessment</b> |  |
| · <u>PBT:</u>                                    | Not applicable.  |
| · <u>vPvB:</u>                                   | Not applicable.  |
| · <b>12.6 Other adverse effects</b>              | No further relevant information available.   |

**SECTION 13: Disposal considerations**

- |  |   |
|--|---|
| · <b>13.1 Waste treatment methods</b>  |   |
| · <u>Recommendation</u>                | Smaller quantities can be disposed of with household waste. |
| · <u>Uncleaned packaging:</u>          |   |
| · <u>Recommendation:</u>               | Disposal must be made according to official regulations.    |
| · <u>Recommended cleansing agents:</u> | Water, if necessary together with cleansing agents.         |

**SECTION 14: Transport information**

- |  |                 |
|--|-----------------|
| · <b>14.1 UN-Number</b>                    |                 |
| · <u>ADR, ADN, IMDG, IATA</u>              | Void            |
| · <b>14.2 UN proper shipping name</b>      |                 |
| · <u>ADR, ADN, IMDG, IATA</u>              | Void            |
| · <b>14.3 Transport hazard class(es)</b>   |                 |
| · <u>ADR, ADN, IMDG, IATA</u>              |                 |
| · <u>Class</u>                             | Void            |
| · <b>14.4 Packing group</b>                |                 |
| · <u>ADR, IMDG, IATA</u>                   | Void            |
| · <b>14.5 Environmental hazards:</b>       |                 |
| · <u>Marine pollutant:</u>                 | No              |
| · <b>14.6 Special precautions for user</b> | Not applicable. |

(Contd. on page 6)

# Safety data sheet

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Version number 9

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(Contd. of page 5)

- |  |  |
|--|--|
| <b>· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable.                                      |
| <b>· Transport/Additional information:</b>                                       | Not dangerous according to the above specifications. |
| <b>· UN "Model Regulation":</b>  | Void   |

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - Directive 2012/18/EU
  - Named dangerous substances - ANNEX I                      None of the ingredients is listed.
  - National regulations:
  - Information about limitation of use:    Employment restrictions concerning juveniles must be observed.
  - Waterhazard class:                      Water hazard class 1 (Self-assessment): slightly hazardous for water.
  - VOC EU                                      0.0 g/l
- 15.2 Chemical safety assessment:**                      A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS:                      Laboratory
- Contact:                                      Dieter Zimmermann
- Abbreviations and acronyms:                      ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative