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

- 1.1 Product identifier
- Trade name: AGITAN® 305
- 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 Deformers, Anti-foaming agent
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  MÜNZING CHEMIE GmbH
  Münzingstrasse 2
  74232 Abstatt, Germany
  E-Mail: info@munzing.com
  Tel.: +49 7131 987-100
- Further information obtainable from:
  Product Safety Department
  E-mail (MSDS): msds@munzing.com
- 1.4 Emergency telephone number: For Chemical Emergencies: CHEMTREC: +1 703 741 5970

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 statements Void
- 2.3 Other hazards
- Results of PBT and vPvB assessment
  PBT: None.
  vPvB: None.

SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
  Description:
  Mixture: consisting of the following components.
  paraffin oil
  emulsifiers
  hydrophobic silica
  Dangerous components: Void
  SVHC None.

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.
  After eye contact: Rinse opened eye for several minutes under running water.
  After swallowing: If symptoms persist consult doctor.

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· 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: Use fire extinguishing methods suitable to surrounding conditions.
· 5.2 Special hazards arising from the substance or mixture No further relevant information available.
· 5.3 Advice for firefighters
  · Protective equipment: Do not inhale explosion gases or combustion gases.
  · Additional information
    Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures
  Wear protective clothing.
  Use respiratory protective device against the effects of fumes/dust/aerosol.
· 6.2 Environmental precautions: Dilute with plenty of 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.
· 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: Store away from oxidising agents.
  · Further information about storage conditions: None.
· 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.

(Contd. on page 3)
### SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Topic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9.1 Information on basic physical and chemical properties</strong></td>
<td></td>
</tr>
<tr>
<td>General Information</td>
<td></td>
</tr>
<tr>
<td>Appearance:</td>
<td></td>
</tr>
<tr>
<td>Form:</td>
<td>Fluid</td>
</tr>
<tr>
<td>Colour:</td>
<td>Whitish</td>
</tr>
<tr>
<td>Odour:</td>
<td>Weak, characteristic</td>
</tr>
<tr>
<td>Odour threshold:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH-value (20 g/l) at 20 °C:</td>
<td>≈8 (DIN ISO 976)</td>
</tr>
<tr>
<td>Change in condition</td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point:</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>&gt; 180 °C</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt; 140 °C (DIN EN ISO 2719)</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Ignition temperature:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto-ignition temperature:</td>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td>Explosive properties:</td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>Explosion limits:</td>
<td></td>
</tr>
<tr>
<td>Lower:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Oxidising properties:</td>
<td>None.</td>
</tr>
<tr>
<td>Vapour pressure:</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>
Safety data sheet
according to 1907/2006/EC, Article 31

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Density at 20 °C: ≈0.87 g/cm³ (DIN EN ISO 2811-1)
Relative density Not determined.
Vapour density Not determined.
Evaporation rate Not determined.
Solubility in / Miscibility with water: Emulsifiable.
Partition coefficient: n-octanol/water: Not determined.
Viscosity:
  Dynamic at 20 °C: ≈600 mPa·s (DIN EN ISO 3219)
  9.2 Other information 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.
  Primary irritant effect:
  Skin corrosion/irritation Based on available data, the classification criteria are not met.
  Serious eye damage/irritation Based on available data, the classification criteria are not met.
  Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
  CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
  Germ cell mutagenicity Based on available data, the classification criteria are not met.
  Carcinogenicity Based on available data, the classification criteria are not met.
  Reproductive toxicity Based on available data, the classification criteria are not met.
  STOT-single exposure Based on available data, the classification criteria are not met.
  STOT-repeated exposure Based on available data, the classification criteria are not met.
  Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

  12.1 Toxicity
  Aquatic toxicity: No further relevant information available.
  12.2 Persistence and degradability: No further relevant information available.
  12.3 Bioaccumulative potential: No further relevant information available.
  12.4 Mobility in soil: No further relevant information available.
  Ecotoxical effects:
  Behaviour in sewage processing plants:
  Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. Do not release untreated into natural waters.
Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.12.2018
Version number 1
Revision: 05.07.2018

Trade name: AGITAN® 305

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SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue
16 03 06 organic wastes other than those mentioned in 16 03 05

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN-Number
ADR/RID/ADN, ADN, IMDG, IATA Void

14.2 UN proper shipping name
ADR/RID/ADN, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)
ADR/RID/ADN, ADN, IMDG, IATA
Class Void

14.4 Packing group
ADR/RID/ADN, IMDG, IATA Void

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

Transport/Additional information: Not a dangerous good to the above specifications.

UN "Model Regulation": Void

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SECTIN 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:
Product Safety Department
E-Mail: msds@munzing.com

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)
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative