

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



**78053 Amytis®**

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Revised edition: 20.01.2014

Version: 2

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## 1. Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1. Product Identifier

*Product Name:* Amytis®

*Article No.:* 78053

### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*No information available.*

*Uses advised against:*

### 1.3. Details of the Supplier of the Safety Data Sheet

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.de - info@kremer-pigmente.de

*E-Mail:* kremer@kremer-pigmente.de

### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

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## 2. Hazards Identification

### 2.1. Classification of the Substance or Mixture

*Classification according to EC Regulation 1272/2008*

*This product is not classified as hazardous according to the CLP/GHS Directive.*

*Classification according to EC Regulation No. 67/548 or No. 1999/45*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*Possible Environmental Effects:*

### 2.2. Label Elements

*Classification according to EC Regulation 1272/2008*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

### 2.3. Other Hazards

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## Composition/Information on Ingredients

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## 3.

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:* Protein-coconut fatty acid condensate, potassium salt; 23-25 dry matter.

*Ingredients:*

15-30 % Anionic tensides (protein-fatty acid condensates), < 0.05 % fragrance substances (Cymbopogon Nardus Oil), phenoxyethanol, methylparaben, ethylparaben.

*Hazardous Ingredients:*

*Additional information:*

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## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

Seek medical attention in case of complaints.

*After inhalation:*

No special measures required.

*After skin contact:*

Wash off with warm water.

*After eye contact:*

Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Consult physician.

*After ingestion:*

Rinse mouth with plenty of water and give 1 - 2 glasses of water to drink.

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

No further information available.

*Effects:*

No further information available.

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

Treat symptomatically.

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water jet.

*Unsuitable extinguishing media:*

None known.

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

No information available.

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## 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Floor may be slippery; use care to avoid falling.*

*Avoid contact with eyes and skin.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soils, drains and surface water.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Contain with absorbent material (sand, peat, saw dust) and dispose accordingly.*

*Rinse with lots of water.*

### 6.4. Reference to other Sections

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid contact with eyes and skin.*

*Avoid open flame.*

*Hygienic measures:*

*Keep away from foodstuffs and drinks.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Protect from frost.*

*Keep container tightly closed*

*Requirements for storage areas and containers:*

*Store in a cool place.*

*Information on fire and explosion protection:*

*No special measures necessary.*

*Storage class (VCI):*

*10; Combustible liquids.*

*Further Information:*

*Store in a dry place.*

### 7.3. Specific End Use(s)

*Further information:*

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## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*None known*

*Parameters to be controlled (DE):*

*Parameters to be controlled (EC):*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*No further measures, see Section 7.*

*Personal Protection*

*General protective measures:*

*Avoid contact with eyes.*

*Keep away from foodstuffs, beverages and feed.*

*Respiratory protection:*

*Not required.*

*Hand protection:*

*Preventive skin protection is recommended. Wash hands after working with substance.*

*Protective glove material:*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*No special protection required.*

*Environmental precautions:*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form: liquid*

*Color: gold-yellow*

*Odor: weak, characteristic*

*Odor threshold:*

*No information available.*

*pH-Value:*

*6.8 - 7.3 (100 g/l H<sub>2</sub>O; 20°C)*

*Melting temperature:*

*not determined*

*Boiling temperature:*

*not determined*

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*Flash point:*

*not available*

*Evaporation rate:*

*No information available.*

*Flammability (solid, gas):*

*not available*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:*

*1.06 - 1.07 g/cm<sup>3</sup>*

*Solubility in water:*

*miscible*

*Coefficient of variation (n-  
Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*not applicable*

*Decomposition temperature:*

*No data available.*

*Viscosity, dynamic:*

*Explosive properties:*

*Product does not present an explosion hazard.*

*Oxidizing properties:*

*no information available*

*Bulk density:*

*not applicable*

## 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*No decomposition if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*No information available.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No information available.*

*Thermal decomposition:*

*No data available.*

### 10.5. Incompatible Materials

*No information available.*

### 10.6. Hazardous Decomposition Products

*None known.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11. 1. Information on Toxicological Effects

*Acute Toxicity*

*LD50, oral: > 5000 mg/kg*

*LD50, dermal: not determined*

*LC50, inhalation: not determined*

*Primary effects*

*Irritant effect on skin: Slight irritant effect.*

*Irritant effect on eyes: Slight irritant effect*

*Inhalation: No information available.*

*Ingestion: No information available*

*Sensitization: No information available.*

*Mutagenicity: Not mutagenic (OECD 471 Bacterial Reverse Mutation Test)*

*Reproductive toxicity: No data available.*

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*Carcinogenicity:*

*No data available.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*Repeated exposure: no information available.*

*Single exposure: no information available.*

*Additional toxicological information:*

*Aspiration hazard: not applicable*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*LC50: 10 - 100 mg/l (ISO 7346/2)*

*Daphnia toxicity:*

*No information available.*

*Bacteria toxicity:*

*EC0: > 100 g/l (OECD 209)*

*Algae toxicity:*

*No information available.*

### 12.2. Persistency and Degradability

*Readily biodegradable (OECD 301).*

### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*No information available.*

### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

### 12.6. Other Adverse Effects

*Water hazard class:*

*1, slightly hazardous*

*Behaviour in sewage systems:*

*Further ecological effects:*

*COD/BOD: > 60 %*

*Organic carbon (TOC): > 70%*

*This tenside conforms to the biodegradability conditions as determined in the EC Guideline 648/2004.*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*Clean spillage with rags and rinse with water.*

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*European Waste Code (EWC):*

*Uncleaned packaging:*

*Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.*

*Waste Code No.:*

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## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR (land transportation).*

*IMDG/IATA:*

*No hazardous goods according to IMDG.*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel no.:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*Hazard no.:*

### 14.4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*None*

### 14.6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

### 14.8. Further Information

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## 15. Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*1, slightly hazardous for water (self-assessment)*



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*Local regulations on chemical accidents:*

*Not listed.*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Not applicable.*

*Technical instructions on air quality:*

**15. 2. Chemical Safety Assessment**

*No information available.*

**15. 3. Further Information**

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**16. Other Information**

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties. This Safety Data Sheet replaces that of 15.11.1999.*