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

1.1 Product identifier
- Trade name: Hama Screen Cleaning Spray (250 ml)
- Article number: xxxx42215

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture
  - Cleaning material/Detergent
    - According to trade name/product specification

1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  - Hama GmbH & Co KG
  - D-86652 Monheim

- Further information obtainable from:
  - Department: Quality Assurance
  - QS InfoSDB@hama.de
  - +49 9091 502-0

1.4 Emergency telephone number:
- +49 9091 502-6400 (Hama)
- +49 89 19240 (toxin emergency call in Munich)

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
- Recommended additional labelling:
  - If medical advice is needed, have product container or label at hand.
  - Keep out of reach of children.
  - Read label before use.
  - Observe the remarks of the device manufacturer.
  - Clean only after the device has cooled down.
  - Do not exert strong pressure.
  - Before using on a large surface, be sure to test on a small, inconspicuous area to ensure that the materials are compatible.
  - Disposal must be made according to official regulations.

2.3 Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
- Description: Mixture of substances listed below with additions in nonhazardous concentrations.

Dangerous components:
- CAS: 34590-94-8
- EINECS: 252-104-2
- (2-methoxymethylethoxy)propanol
- Substance with a Community workplace exposure limit <10%

Regulation (EC) No 648/2004 on detergents / Labelling for contents
- Perfumes (±-LIMONENE, CITRAL), N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, BENZISOTHIAZOLINONE, Methylisothiazolinone
- < 5%

(Contd. on page 2)
Trade name: Hama Screen Cleaning Spray (250 ml)

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

SECTION 4: First aid measures

4.1 Description of first aid measures
General information:
No special measures required.
Immediately remove any clothing soiled by the product.
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact:
Immediately rinse with water.
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. Then consult a doctor.
After swallowing:
Seek immediate medical advice.
Rinse out mouth and then drink plenty of water.

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.
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide
Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Use fire extinguishing methods suitable to surrounding conditions.

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 equipment. Keep unprotected persons away.
Ensure adequate ventilation

6.2 Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up:
No special measures required.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Pick up mechanically.
Water, if necessary together with cleansing agents.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
SECTION 7: Handling and storage

7.1 Precautions for safe handling
No special precautions are necessary if used correctly.

Information about fire - and explosion protection:
No special measures required.
See section 5.

7.2 Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles:
Store only in the original receptacle.
Storage and clustering must be made according to official regulations.

Information about storage in one common storage facility:
No special measures required.
Storage and clustering must be made according to official regulations.

Further information about storage conditions:
Protect from heat and direct sunlight.
Store in cool, dry conditions in well sealed receptacles.
Protect from frost.

Storage class: TRGS 510

7.3 Specific end use(s)
No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

34590-94-8 (2-methoxymethylethoxy)propanol
IOELV Long-term value: 308 mg/m³, 50 ppm
Skin

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:
General protective and hygienic measures:
Parameters refer to the product and its intended usage (usage/tradename - point 1 MSDS).
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Immediately remove all soiled and contaminated clothing
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.

Respiratory protection: No special precautions are necessary if used correctly.

Protection of hands:
No special precautions are necessary if used correctly.
If exposure not avoidable:
Material of gloves Nitrile rubber, NBR
Penetration time of glove material Not required.
Eye protection:
No special precautions are necessary if used correctly.
If exposure not avoidable:
Safety glasses

See Section 13 for disposal information.
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- General Information: Parameter refer to the liquid in the tissue.
- Appearance:
  - Form: Fluid
  - Colour: Colourless
- Odour: Mild
- pH-value at 20 °C: ~ 7
- Change in condition
  - Melting point/Melting range: Undetermined.
- Flash point: > 65 °C
- Flammability (solid, gaseous): Not applicable.
- Ignition temperature: Not determined.
- Decomposition temperature: Not determined.
- Self-igniting: Product is not self-igniting.
- Danger of explosion: Product does not present an explosion hazard.
- Vapour pressure: Not determined.
- Density at 20 °C: 0,995 g/cm³
- Solubility in / Miscibility with water: Fully miscible.
- Viscosity:
  - Dynamic: Not determined.
  - Kinematic: Not determined.
- Solvent content:
  - Water: > 85 %
  - VOC (EC): 10,10 %
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
10.3 Possibility of hazardous reactions: No dangerous reactions during intended handling.
10.4 Conditions to avoid: See Section 7 for information on safe handling.
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products: See section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
11.2 Acute toxicity: Based on available data, the classification criteria are not met.
11.3 Primary irritant effect:
11.4 Skin corrosion/irritation:
  - Generally the product does not irritate the skin.
  - See section 2.
· Serious eye damage/irritation
  Irritation possible.
  See section 2.
· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
· Additional toxicological information:
  · The product is a preparation, for which no experimentally determined toxicity data is available.
  · 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: Undetermined.
· 12.2 Persistence and degradability Undetermined.
· 12.3 Bioaccumulative potential Undetermined.
· 12.4 Mobility in soil No further relevant information available.
· Additional ecological information:
  · General notes:
    Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
    The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
    Avoid transfer into the environment.
· 12.5 Results of PBT and vPvB assessment
  · PBT: Not applicable.
  · vPvB: Not applicable.
· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods
  · Recommendation Disposal must be made according to official regulations.
· Uncleaned packaging:
  · Recommendation: Disposal must be made according to official regulations.
  · Recommended cleansing agents: See section 6.

SECTION 14: Transport information

· 14.1 UN-Number
  · ADR, ADN, IMDG, IATA Void
· 14.2 UN proper shipping name
  · ADR Void
  · ADN, IMDG, IATA Void
<table>
<thead>
<tr>
<th>SECTION 15: Regulatory information</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</td>
</tr>
<tr>
<td>National regulations:</td>
</tr>
<tr>
<td>Information about limitation of use: Employment restrictions must be observed.</td>
</tr>
<tr>
<td>Other regulations, limitations and prohibitive regulations</td>
</tr>
<tr>
<td>1907/2006/EC (REACH)</td>
</tr>
<tr>
<td>Annex XVII</td>
</tr>
<tr>
<td>1272/2008/EC (CLP)</td>
</tr>
<tr>
<td>648/2004/EC (Detergents)</td>
</tr>
<tr>
<td>98/2013/EU</td>
</tr>
<tr>
<td>As the case may be, additional, national legal provisions must be observed.</td>
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<tr>
<td>15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.</td>
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</tbody>
</table>

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<thead>
<tr>
<th>SECTION 16: Other information</th>
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<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Department issuing SDS: Department: Quality Assurance</td>
</tr>
<tr>
<td>Contact: Field: Chemistry</td>
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<tr>
<td>Abbreviations and acronyms:</td>
</tr>
<tr>
<td>ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
</tr>
<tr>
<td>IMDG: International Maritime Code for Dangerous Goods</td>
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<tr>
<td>IATA: International Air Transport Association</td>
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<tr>
<td>GHS: Globally Harmonised System of Classification and Labelling of Chemicals</td>
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<tr>
<td>EINECS: European Inventory of Existing Commercial Chemical Substances</td>
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<td>ELINCS: European List of Notified Chemical Substances</td>
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<td>CAS: Chemical Abstracts Service (division of the American Chemical Society)</td>
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<tr>
<td>VOC: Volatile Organic Compounds (USA, EU)</td>
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<tr>
<td>PBT: Persistent, Bioaccumulative and Toxic</td>
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<tr>
<td>vPvB: very Persistent and very Bioaccumulative</td>
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