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

1.1 Product identifier

Product name: WS Rush A.T. halbmatt semigloss

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

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
LOBA GmbH & Co. KG
Leonberger Straße 56 - 62
D-71254 Ditzingen

Informing department:
Productmanagement
e-mail: service@loba.de

1.4 Emergency telephone number:
Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS07

Signal word: Warning

Hazard-determining components of labelling:
propylidynetrimethanol, ethoxylated, esters with acrylic acid
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)
1,2-benzisothiazol-3(2H)-one

Hazard statements
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Precautionary statements
P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Contd. on page 2)
Product name WS Rush A.T. halbmatt semigloss

4.1 Description of first aid measures
· After inhalation
Supply fresh air and call for doctor for safety reasons.
In case of unconsciousness bring patient into stable side position for transport.
· After skin contact
Immediately wash with water and soap and rinse thoroughly.
· After eye contact
Rinse opened eye for several minutes under running water.
· After swallowing
In case of persistent symptoms 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 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 water bodies.
  Inform respective authorities in case product reaches water or sewage system.
  Dilute with much water.
- 6.3 Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Ensure adequate ventilation.
- 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 information on disposal.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
  Keep containers tightly sealed.
  Ensure good ventilation/exhaustion at the workplace.
- 7.2 Conditions for safe storage, including any incompatibilities
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- 8.1 Control parameters
  - Components with critical values that require monitoring at the workplace:
    - 108-01-0 2-dimethylaminoethanol
      - WEL Short-term value: 22 mg/m³, 6 ppm
      - Long-term value: 7.4 mg/m³, 2 ppm
- 8.2 Exposure controls
  - Personal protective equipment
    - General protective and hygienic measures
      - Instantly remove any soiled and impregnated garments.
      - Wash hands during breaks and at the end of the work.
      - Do not inhale gases / fumes / aerosols.
Product name WS Rush A.T. halbmatt semigloss

- **Breathing equipment:**
  In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

- **Protection of hands:**
  Protective gloves.
  The glove material has to be impermeable and resistant to the product/substance/preparation.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
  Nitrile rubber, NBR
  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.
  Recommended thickness of the material: ≥ 0.4 mm

- **Penetration time of glove material**
  The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
  For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).
  Value for the permeation: Level ≤ 6

- **Eye protection:** Safety glasses recommended during refilling.

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### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

  - **General Information**
  
  - **Appearance:**
    - Form: Fluid
  
  - **Smell:** Recognisable
  
  - **Odour threshold:** Not determined.

  - **pH-value at 20 °C:** 7

  - **Change in condition**
    - Melting point/freezing point: Not determined
    - Initial boiling point and boiling range: >100 °C

  - **Flash point:** Not applicable

  - **Inflammability (solid, gaseous):** Not applicable.

  - **Decomposition temperature:** Not determined.

  - **Self-inflammability:** Product is not selfigniting.

  - **Explosive properties:**
    - Lower: Not determined.
    - Upper: Not determined.

  - **Steam pressure:** Not determined.

  - **Density at 20 °C:** 1.05 g/cm³
  
  - **Relative density** Not determined.
  
  - **Vapour density** Not determined.
  
  - **Evaporation rate** Not determined.
Product name WS Rush A.T. halbmatt semigloss

- Solubility in / Miscibility with Water: Fully miscible
- Partition coefficient: n-octanol/water: Not determined.
- Viscosity:
  - dynamic: Not determined.
  - kinematic at 20 °C: 20 s (ISO 4 mm)
- Solids content: 37.0 %
- 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.
- LD/LC50 values that are relevant for classification:

  | 108-01-0 2-dimethylaminoethanol |
  |------------------|------------------|
  | Oral LD50 | 2,000 mg/kg (rat) |
  | Dermal LD50 | 1,370 mg/kg (rabbit) |
  | Inhalative LC50/4 h | 3.25 mg/l (mouse) |

  | 55965-84-9 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) |
  |------------------|------------------|
  | Oral LD50 | 457 mg/kg (rat) |
  | Dermal LD50 | 660 mg/kg (rat) |
  | Inhalative LC50/4 h | 0.33 mg/l (rat) |
  | LC50/96 h | 0.188 mg/L (fish) |

- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- 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.
Product name WS Rush A.T. halbmatt semigloss

Aspiration hazard Based on available data, the classification criteria are not met.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:**

<table>
<thead>
<tr>
<th>Reaction Mass</th>
<th>EC50/48 h</th>
<th>EC50/72 h</th>
<th>NOEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>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)</td>
<td>0.1 mg/L (daphnia)</td>
<td>0.027 mg/L (algae)</td>
<td>0.0012 mg/L (algae)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.004 mg/L (daphnia)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.098 mg/L (fish)</td>
</tr>
</tbody>
</table>

**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.

**Additional ecological information:**

**General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
After prior treatment product has to be landfilled or incinerated under adherence to the regulations pertaining to the disposal of especially hazardous waste.

**European waste catalogue**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 00 00</td>
<td>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</td>
</tr>
<tr>
<td>08 01 00</td>
<td>wastes from MFSU and removal of paint and varnish</td>
</tr>
<tr>
<td>08 01 12</td>
<td>waste paint and varnish other than those mentioned in 08 01 11</td>
</tr>
</tbody>
</table>

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.

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**SECTION 14: Transport information**

**14.1 UN-Number**

**ADR, ADN, IMDG, IATA**

**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.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- National regulations
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Alteration in the context will be marked with a cross (*).

Relevant phrases
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
Product name WS Rush A.T. halbmatt semigloss

- **Department issuing data specification sheet:** Productmanagement.
- **Abbreviations and acronyms:**
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  - ICAO: International Civil Aviation Organisation
  - 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
  - Flam. Liq. 3: Flammable liquids – Category 3
  - Acute Tox. 4: Acute toxicity - oral – Category 4
  - Acute Tox. 2: Acute toxicity - dermal – Category 2
  - Acute Tox. 3: Acute toxicity - inhalation – Category 3
  - Skin Corr. 1B: Skin corrosion/irritation – Category 1B
  - Skin Corr. 1C: Skin corrosion/irritation – Category 1C
  - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  - Skin Sens. 1: Skin sensitisation – Category 1
  - Skin Sens. 1A: Skin sensitisation – Category 1A
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
  - Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
  - Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

- **Data compared to the previous version altered.**