

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.05.2016

Version number 1

Revision: 12.05.2016

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

- **1.1 Product identifier**
- **Trade name** *Airbrush 400*
- **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** *Cleaning agent / Cleaner*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
HARDER & STEENBECK GmbH & Co.KG.
Hans-Böckler-Ring 37
D-22851 Norderstedt
Telefon:++49(0)40878798930
Telefax:++49(0)40878798931
E-Mail.: info@harder-airbrush.de
- **Informing department:** *Product safety department*
- **1.4 Emergency telephone number:** *Telefon:++49(0)40878798930*

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*
- **Additional information:**
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** *Mixture of the substances listed below with harmless additions (aqueous solution).*

- **Dangerous components:**

CAS: 68439-51-0	Alcohols, C12-14, ethoxylated, propoxylated	Aquatic Chronic 3, H412	< 2.5%
	Polymer		

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

non-ionic surfactants	< 5%
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- **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 advice:** *No special measures required.*

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 1

Revision: 12.05.2016

Trade name **Airbrush 400**

(Contd. of page 1)

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**
In general the product does not cause skin irritation.
Wash with soap and water.
- **After eye contact**
Rinse opened eye for 15 minutes under running water.
In case of persistent symptoms consult doctor.
- **After swallowing**
Rinse out mouth and then drink plenty of water.
Seek medical treatment.
- **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, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained breathing apparatus.
See section 8.
- **Additional information**
Endangered containers in the surrounding area should be cooled with a water-hose.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep off unprotected persons
- **6.2 Environmental precautions:**
Dilute with much water.
Do not allow to enter drainage system, 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).
Contaminated material has to be disposed as waste (see item 13).
- **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** The usual good standards of industrial hygiene should be maintained.
- **Information about protection against explosions and fires:**
Pay attention to general rules of internal fire prevention.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage** Keep containers tightly closed. Store in cool, dry conditions.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.05.2016

Version number 1

Revision: 12.05.2016

Trade name Airbrush 400

(Contd. of page 2)

- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **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 systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with critical 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 that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
Keep away from food, beverages and fodder.
Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes.
- **Breathing equipment:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
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.
- **Eye protection:** Safety glasses recommended during refilling.
- **Body protection:**
Standard protective clothing. Chemical resistant safety-shoes or boots. If skin contact is possible, wear impenetrable protective clothing against this solvent.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Fluid
Colour:	Blue
Smell:	Recognisable
Odour threshold:	Not determined.
- **pH-value:** Slightly alkaline

(Contd. on page 4)

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Safety data sheet

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Printing date 12.05.2016

Version number 1

Revision: 12.05.2016

Trade name Airbrush 400

(Contd. of page 3)

- Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100 °C
- Flash point:	Product is non-flammable nor potentially explosive
- Inflammability (solid, gaseous)	Not applicable.
- Ignition temperature:	
Decomposition temperature:	Not determined.
- Self-inflammability:	Product is not selfigniting.
- Danger of explosion:	Product is not potentially explosive
- Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
- Vapour pressure:	Not determined.
- Density at 20 °C	ca. 1.01 g/cm ³
- 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.
- 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.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 12.05.2016

Version number 1

Revision: 12.05.2016

Trade name Airbrush 400

(Contd. of page 4)

- **CMR effects (carcinogenity, 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.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **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**
A used product should be recycled or used in other contexts, otherwise be handed over to an appropriate disposal site.
- **Waste disposal key number:**
Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.
- **Uncleaned packagings:** Disposal must be made according to official regulations.
- **Recommendation:**
After complete emptying and cleaning, send to be reconditioned or recycled.
Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning.
Care should be taken that no other materials get into the packaging.
Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|---------------------------------------|------|
| - 14.1 UN-Number | |
| - ADR, IMDG, IATA | Void |
| - 14.2 UN proper shipping name | |
| - ADR, IMDG, IATA | Void |

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 1

Revision: 12.05.2016

Trade name Airbrush 400

(Contd. of page 5)

- 14.3 Transport hazard class(es)	
- ADR, IMDG, IATA	
- Class	Void
- 14.4 Packing group	
- ADR, IMDG, IATA	Void
- 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 dangerous according to the above specifications.
- UN "Model Regulation":	
	Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- TSCA (Toxic Substances Control Act)

All ingredients are listed.

- Canadian Domestic Substances List (DSL)

All ingredients are listed.

- Philippines Inventory of Chemicals and Chemical Substances

All ingredients are listed.

- Chinese Chemical Inventory of Existing Chemical Substances

All ingredients are listed.

- Australian Inventory of Chemical Substances

All ingredients are listed.

- Korean Existing Chemical Inventory

CAS: 68439-51-0	Alcohols, C12-14, ethoxylated, propoxylated	KE-13425
CAS: 51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamat, Tetranatriumsalz	2004-3-2755
CAS: 111-76-2	2-butoxyethanol	KE-04134
CAS: 15763-76-5	sodium p-cumenesulphonate	Ja
CAS: 164524-02-1	potassium p-cumenesulphonate	KE-23959
CAS: 1310-58-3	potassium hydroxide	KE-29139
CAS: 6834-92-0	disodium metasilicate	KE-12354
CAS: 68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	KE-03192

- New Zealand Inventory of Chemicals

All ingredients are listed.

- Existing Chemical Substances (Japan)

CAS: 68439-51-0	Alcohols, C12-14, ethoxylated, propoxylated	
CAS: 51981-21-6	N,N-bis(carboxylatomethyl)-L-glutamat, Tetranatriumsalz	
CAS: 111-76-2	2-butoxyethanol	2-2424
CAS: 15763-76-5	sodium p-cumenesulphonate	Ja

(Contd. on page 7)

Safety data sheet

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(Contd. of page 6)

CAS: 164524-02-1	potassium p-cumenesulphonate	
CAS: 1310-58-3	potassium hydroxide	1-369
CAS: 6834-92-0	disodium metasilicate	1-508
CAS: 68155-07-7	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)	Ja

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **National regulations**
- **Technical instructions (air):**

Class	Share in %
NK	< 2,5

- **Water hazard class:**
Water hazard class 1 (self assessment according to German VwVwS (Regulations for water-hazardous substances): 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.

- **Relevant phrases**
H412 Harmful to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** see item 1: Informing department
- **Abbreviations and acronyms:**
 LEV: Local Exhaust Ventilation
 RPE: Respiratory Protective Equipment
 RCR: Risk Characterisation Ratio (RCR= PEC/PNEC and RCR= Estimated Exposition/DNEL)
 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 Harmonized System of Classification and Labelling of Chemicals
 CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)
 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)
 vPvB: very Persistent and very Bioaccumulative
 Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3