

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 13.01.2023

Version number 1

Revision: 13.01.2023

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

1.1 Product identifier

Trade name: **ATTBLIME µScan liquid**

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

Sector of Use: SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category: PC9a Coatings and paints, thinners, paint removers

Process category: PROC5 Mixing or blending in batch processes

Environmental release category: ERC2 Formulation into mixture

Application of the substance / the mixture

Matting agent

Uses advised against: Matting agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Manufacturer
Graichen Produktions- und Vertriebs-GmbH
Darmstädter Str. 127 - 129
D-64625 Bensheim
Tel.: +49(0)6251/73103
Fax: +49(0)6251/77901
e-mail: ehs@graichen-bensheim.de
homepage: <http://www.graichen.net>

Further information obtainable from:

Product Safety Department

1.4 Emergency telephone number:

Graichen: During business hours :+49(0)6251 7707880
Graichen: Outside business hours:+49(0)172 7478476
Advice centre for poisoning in Mainz Tel: +49(0)6131/19240 Poison information:+49(0)700/ GIFTINFO
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

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 GB 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

Dangerous components: Void

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

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: Seek immediate medical advice.

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, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 13.01.2023

Version number 1

Revision: 13.01.2023

Trade name: ATTBLIME µScan liquid

(Contd. of page 1)

5.3 Advice for firefighters

Protective equipment: No special measures required.

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 any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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 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 precautions are necessary if used correctly.

Information about fire - and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Protect from contamination.
Store receptacle in a well ventilated area.
Prevent from drying out.

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:

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.

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Respiratory protection:

Not required.

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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/face protection

Goggles recommended during refilling

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

General Information

Physical state

Fluid

Colour:

White

Odour:

Odourless

Odour threshold:

Not determined.

Boiling point or initial boiling point and boiling range

100 °C (CAS: 7732-18-5 Wasser (water, Aqua))

Flammability

Not applicable.

Lower and upper explosion limit

Lower:

3.5 Vol %

(Contd. on page 3)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

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Revision: 13.01.2023

Trade name: ATTBLIME µScan liquid

(Contd. of page 2)

. Upper:	15 Vol %
. Flash point:	> 210 °C (CAS: 7631-86-9 silicon dioxide, chemically prepared)
. Ignition temperature:	> 370 °C (CAS: 7631-86-9 silicon dioxide, chemically prepared)
. Decomposition temperature:	Not determined.
. pH	Not determined.
. Viscosity:	
. Dynamic:	Not determined.
. Solubility	
. water:	Fully miscible.
. Partition coefficient n-octanol/water (log value)	Not determined.
. Vapour pressure at 20 °C:	23 hPa (CAS: 7732-18-5 Wasser (water, Aqua))
. Density and/or relative density	
. Density at 20 °C:	2.179 g/cm ³
. Relative density	Not determined.
. Vapour density	Not determined.

9.2 Other information

. Appearance:	
. Form:	Viscous
. Important information on protection of health and environment, and on safety.	
. Auto-ignition temperature:	Product is not selfigniting.
. Explosive properties:	Not determined.
. Solvent content:	
. Water:	60.0 %
. VOC (EU) (%)	
. Solids content:	40.0 %
. Change in condition	
. Evaporation rate	Not determined.

. Information with regard to physical hazard classes	
. Explosives	Void
. Flammable gases	Void
. Aerosols	Void
. Oxidising gases	Void
. Gases under pressure	Void
. Flammable liquids	Void
. Flammable solids	Void
. Self-reactive substances and mixtures	Void
. Pyrophoric liquids	Void
. Pyrophoric solids	Void
. Self-heating substances and mixtures	Void
. Substances and mixtures, which emit flammable gases in contact with water	Void
. Oxidising liquids	Void
. Oxidising solids	Void
. Organic peroxides	Void
. Corrosive to metals	Void
. Desensitised explosives	Void

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.

(Contd. on page 4)

Safety data sheet
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(Contd. of page 3)

- . **10.5 Incompatible materials:** No further relevant information available.
- . **10.6 Hazardous decomposition products:** Hazardous thermal decomposition products may include: Formaldehyde, Carbon dioxide, Carbon monoxide, Methanol

SECTION 11: Toxicological information

- . **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- . Acute toxicity Based on available data, the classification criteria are not met.

. LD/LC50 values relevant for classification:

CAS: 7631-86-9 silicon dioxide, chemically prepared

Oral | LD50 | 10,000 mg/kg (rat)

- . 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.
- . 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.

11.2 Information on other hazards

- . Endocrine disrupting properties
- None of the ingredients is listed.

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.
- . **12.5 Results of PBT and vPvB assessment**
- . PBT: Not applicable.
- . vPvB: Not applicable.
- . **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- . **12.7 Other adverse effects**
- . Additional ecological information:
- . General notes: Not hazardous for water.

SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . Uncleaned packaging:
- . Recommendation: Non contaminated packagings may be treated like household garbage.
- . Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- . **14.1 UN number or ID number**
- . ADR, ADN, IMDG, IATA Void
- . **14.2 UN proper shipping name**
- . ADR, ADN, IMDG, IATA Void
- . **14.3 Transport hazard class(es)**
- . ADR, ADN, IMDG, IATA Void
- . Class
- . **14.4 Packing group**
- . ADR, IMDG, IATA Void
- . **14.5 Environmental hazards:** Not applicable.
- . **14.6 Special precautions for user** Not applicable.
- . **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
- . UN "Model Regulation": Void

(Contd. on page 5)

GB

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(Contd. of page 4)

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.

. 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 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:

Environment protection department.

. Abbreviations and acronyms:

ADR: Accord relatif au transport international 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

. * Data compared to the previous version altered.

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