

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 AB ECO**

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: Surface protection

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

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.

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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:

Store receptacle in a well ventilated area.

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.

Flash point:

Not applicable.

Decomposition temperature:

Not determined.

pH

Not determined.

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. Viscosity:	Not determined.
. Dynamic:	
. 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:	Not determined.
. Relative density	Not determined.
. Vapour density	Not determined.

9.2 Other information

. Appearance:	
. Form:	Liquid
. Important information on protection of health and environment, and on safety.	
. Auto-ignition temperature:	Product is not selfigniting.
. Explosive properties:	Not determined.
. Solvent content:	
. Organic solvents:	1.0 %
. Water:	74.8 %
. VOC (EU) (%)	
. Solids content:	24.2 %
. 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.
. 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)
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CAS: 102-71-6 Triethanolamine

Oral	LD50	> 2,000 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rabbit)

CAS: 52-51-7 bronopol (INN)

Oral	LD50	307 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat)
Inhalative	LC50/4h	800 mg/l (rat)

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. Skin corrosion/irritation Based on available data, the classification criteria are not met.

CAS: 52-51-7 bronopol (INN)

Ätz-/Reizwirkung auf die Haut (rab)

. Serious eye damage/irritation Based on available data, the classification criteria are not met.

CAS: 52-51-7 bronopol (INN)

Irritation of eyes | Augenreiz- und -ätzwirkung (rab)

. Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CAS: 52-51-7 bronopol (INN)

Sensitisation | Sensibilisierung (Guinea Pigs)

. 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.

CAS: 52-51-7 bronopol (INN)

STOT SE cat. 3, Atemwegsreizung ()

. 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:

CAS: 102-71-6 Triethanolamine

EC50 (72h) > 100 mg/l (Desmodesmus subspicatus/Grünalge)

> 100 mg/l (daphnia magna/gr. Wasserfloh)

LC50 (96h) > 100 mg/l (Lepomis macrochirus)

CAS: 52-51-7 bronopol (INN)

EC50 (48h) 1.08 mg/l (daphnia magna/gr. Wasserfloh)

EC50 (72h) 0.4 – 2.8 mg/l (Algae)

LC50 (96h) 41.2 mg/l (Oncorhynchus mykiss)

NOEC (21d) 0.03 mg/l /chron. (Desmodesmus subspicatus/Grünalge)

0.06 mg/l /akut (daphnia magna/gr. Wasserfloh)

12.2 Persistence and degradability

CAS: 52-51-7 bronopol (INN)

Biodegradability 28d 51 – 57 % (Biodegradability - CO2 Evolution Test)

12.3 Bioaccumulative potential

CAS: 52-51-7 bronopol (INN)

Log Pow 0.17 (---)

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

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

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. 14.2 UN proper shipping name	
. ADR, ADN, IMDG, IATA	Void
. 14.3 Transport hazard class(es)	
. ADR, ADN, IMDG, IATA	
. Class	Void
. 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

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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