

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 04.10.2023

Version number 5 (replaces version 4)

Revision: 04.10.2023

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

· 1.1 Product identifier

· Trade name: illbruck AW403

· MSDS code: W-I-AW403

· 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

Industrial cleaner

Glass Cleaner

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Tremco CPG UK Ltd

Coupland Road, Hindley Green, WIGAN, WN2 4HT

T: +44 (0) 1942251400, F: +44 (0) 1942251410

msds@tremcocpg.com

· Further information obtainable from:

Tremco CPG UK Ltd

Coupland Road, Hindley Green, Wigan, WN2 4HT

T: +44 (0) 1942251400, F: +44 (0) 1942251410

www.tremcocpg.eu, info.uk@tremcocpg.com

· 1.4 Emergency telephone number:

During office hours (08:30 - 17:00 GMT) tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

· Hazard pictograms



GHS07

· Signal word Warning

· Hazard statements

H319 Causes serious eye irritation.

(Contd. on page 2)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

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Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 1)

Precautionary statements

- P264 Wash thoroughly after handling.
- P280 Wear protective gloves / eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.

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

aliphatic hydrocarbons	≥5 - <15%
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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 substances listed below with non-hazardous additions.

Dangerous components:

CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	10-<20%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36-xxxx	2-butoxyethanol Acute Tox. 3, H331; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE: LD50 oral: 1,200 mg/kg	5-<10%

- **EU SVHC** see Section 15
- **GB SVHC** see Section 15
- **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:**
Immediately wash with water and soap and rinse thoroughly.
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:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:** No further relevant information available.
- **4.2 Most important symptoms and effects, both acute and delayed**
Irritating to eyes, respiratory system and skin.
- **Hazards** No further relevant information available.

(Contd. on page 3)

GB

Safety data sheet
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Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 2)

- **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.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Wear protective clothing.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ 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).
- **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 disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Protect from heat and direct sunlight.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from frost.
- **7.3 Specific end use(s)** No further relevant information available.

—GB—

(Contd. on page 4)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 04.10.2023

Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 3)

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

CAS: 67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
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CAS: 111-76-2 2-butoxyethanol

WEL	Short-term value: 246 mg/m ³ , 50 ppm Long-term value: 123 mg/m ³ , 25 ppm Sk, BMGV
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· Long term effects

CAS: 67-63-0 propan-2-ol

Oral	consumer	26 mg/kg (consumers)
Dermal	industrial	888 mg/kg (workers)
	consumer	319 mg/kg (consumers)
Inhalative	industrial	500 mg/m ³ (workers)
	consumer	89 mg/m ³ (consumers)

· PNECs

CAS: 67-63-0 propan-2-ol

PNEC	140.9 mg/L (fresh water) 2,251 mg/L (sewage treatment plant) 140.9 mg/L (sporadic release) 140.9 mg/L (salt water)
PNEC	28 mg/kg (soil) 552 mg/kg (sediment (salt water)) 552 mg/kg (sediment (fresh water))

· Ingredients with biological limit values:

CAS: 111-76-2 2-butoxyethanol

BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid
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· Additional information:

The lists valid during the making were used as basis.
HSE EH40/2005 Workplace Exposure Limits (as amended)

(Contd. on page 5)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 04.10.2023

Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 4)

- **8.2 Exposure controls**
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
- **Respiratory protection:**
Use only in well-ventilated areas.
Use suitable respiratory protective device in case of insufficient ventilation.
For further guidance,
please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".
- **Hand protection**



Protective gloves

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

- **Material of gloves**
PVC gloves
Rubber 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**



Tightly sealed goggles

- **Body protection:**



Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** Blue
- **Odour:** Solvent-like

(Contd. on page 6)

GB

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

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Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 5)

· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	89 °C
· Flash point:	>65 °C
· pH at 20 °C	7.5
· Solubility	
· water:	Soluble.
· Vapour pressure:	Not determined.
· Density and/or relative density	
· Density at 20 °C:	0.98 g/cm ³

· 9.2 Other information	
· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Explosive properties:	Product does not present an explosion hazard.

· 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 Stable
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

(Contd. on page 7)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 04.10.2023

Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 6)

- **10.3 Possibility of hazardous reactions** Reacts with strong acids and oxidising agents.
- **10.4 Conditions to avoid**
Protect from frost.
Keep away from heat.
- **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 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: 67-63-0 propan-2-ol

Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/L (rat)

CAS: 111-76-2 2-butoxyethanol

Oral	LD50	1,480 mg/kg (rat)
	ATE	1,200 mg/kg /bw (not defined)
Dermal	LD50	400 mg/kg (rab)
Inhalative	ATE	3 mg/l (not defined)

- **Skin corrosion/irritation** Slight irritation possible.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **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.
- **Additional toxicological information:**
Irritating to respiratory system.
Repeated exposure may cause skin dryness or cracking.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

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(Contd. on page 8)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

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Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 7)

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 67-63-0 propan-2-ol

LC50/96 h	9,640 mg/L (pimephales promelas)
LC50/48 h	>100 mg/L (leuciscus idus)
EC50/48 h	13,299 mg/L (daphnia magna)
EC50/72 h	>1,000 mg/L (desmodesmus subspicatus)

- **12.2 Persistence and degradability** Easily biodegradable
- **12.3 Bioaccumulative potential** Low potential for accumulating in organisms
- **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 known to be hazardous to water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

European waste catalogue

08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances
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- **Uncleaned packaging:**
- **Recommendation:**
Dispose of packaging according to regulations on the disposal of packagings.
Non contaminated packagings may be treated like household garbage.
Non contaminated packagings may be recycled.
- **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

(Contd. on page 9)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

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Trade name: illbruck AW403

(Contd. of page 8)

· 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: · Marine pollutant:	No
· 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**
HSE EH40/2005 Workplace Exposure Limits (as amended)
Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015)
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
"GB- CLP" UK SI 2019 No. 720 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019
"UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019
The Endocrine Disruptor Lists I, II, III (www.edlists.org)
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

(Contd. on page 10)

Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 04.10.2023

Version number 5 (replaces version 4)

Revision: 04.10.2023

Trade name: illbruck AW403

(Contd. of page 9)

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **National regulations:**
- **Other regulations, limitations and prohibitive regulations** No further relevant information available.
- **Substances of very high concern (SVHC) according to EU REACH, Article 57** Not applicable.
- **Substances of very high concern (SVHC) according to UK REACH** Not applicable.
- **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.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H336 May cause drowsiness or dizziness.

· **Department issuing SDS:**

Prepared and verified in accordance with Annex II, Part A, 0.2.3. of "UK- REACH" UK SI 2019 No. 758
The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

· **Date of previous version:** 20.01.2017

· **Version number of previous version:** 4

· **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)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 3: Acute toxicity – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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