

Printing date 04.01.2023 Version number 5 (replaces version 4) Revision: 04.01.2023

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

· 1.1 Product identifier

Trade name: illbruck AW430

· MSDS code: W-I-AW430

· 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 Cleaner solvent

· 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@cpg-europe.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.cpg-europe.com, info.uk@cpg-europe.com

· 1.4 Emergency telephone number:

During office hours 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

H225

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.
Carc. 2 H351 Suspected of causing cancer.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Highly flammable liquid and vapour.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways. Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· 2.2 Label elements

Flam. Liq. 2

Labelling according to Regulation (EC) No 1272/2008

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

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· Hazard pictograms









GHS02 GHS07 GHS08 GHS09

· Signal word Danger

· Contains:

Naphtha (petroleum), hydrodesulfurized heavy methyl isobutyl ketone

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation. H351 Suspected of causing cancer.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take action to prevent static discharges.

P261 Avoid breathing vapours.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a doctor.

P331 Do NOT induce vomiting.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Supplemental information:

EUH066 Repeated exposure may cause skin dryness or cracking.

· 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:		
Γ	CAS: 64-17-5	ethanol	30-<50%
	EINECS: 200-578-6	Flam. Liq. 2, H225	
	Reg.nr.: 01-2119457610-43-xxxx	•	

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CAS: 108-10-1	methyl isobutyl ketone	20-<30%
EINECS: 203-550-1 Reg.nr.: 01-2119473980-30-xxxx	Flam. Liq. 2, H225; Carc. 2, H351; Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 ATE: LC50/4 h inhalative: 11 mg/L	
CAS: 64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	20-<30%
EINECS: 265-185-4	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411	
CAS: 100-51-6	Benzyl alcohol	5-<10%
EINECS: 202-859-9 Reg.nr.: 01-2119492630-38-xxxx	Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	

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
- · **General information:** Take affected persons out of danger area and lay down.
- · After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· 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. If symptoms persist, 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

Harmful: may cause lung damage if swallowed.

Vapours have narcotic effect.

Headache

Dizziness

Nausea

Repeated exposure may cause skin dryness or cracking.

- Hazards 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.

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

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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:**

Mouth respiratory protective device.

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

- 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).

Dispose of contaminated material as waste according to Section 13.

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 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:

Highly flammable liquid and vapour.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Fumes can combine with air to form an explosive mixture.

· 7.2 Conditions for safe storage, including any incompatibilities

- · Storage:
- · Requirements to be met by storerooms and receptacles:

Store in a cool location.

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:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Storage temperature: +5°C to +25°C

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· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

CAS: 64-17-5 ethanol

WEL Long-term value: 1920 mg/m³, 1000 ppm

CAS: 108-10-1 methyl isobutyl ketone

WEL | Short-term value: 416 mg/m³, 100 ppm

Long-term value: 208 mg/m³, 50 ppm

Sk. BMGV

CAS: 64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

OES Long-term value: 600 mg/m³

· Ingredients with biological limit values:

CAS: 108-10-1 methyl isobutyl ketone

BMGV 20 µmol/L

Medium: urine

Sampling time: post shift

Parameter: 4-methylpentan-2-one

· Additional information:

The lists valid during the making were used as basis.

HSE EH40/2005 Workplace Exposure Limits (as amended)

· 8.2 Exposure controls

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A

Provide oxygen treatment if affected person has difficulty breathing.

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.

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Material of gloves

Nitrile rubber, NBR

Impervious 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: Colourless
 Odour: Sweetish
 Melting point/freezing point: Undetermined.

Boiling point or initial boiling point and boiling

range 78 °C
• Flash point: 15 °C
• Ignition temperature: 485 °C
• pH at 20 °C 7.5

· Solubility

· water: Soluble.

· **Vapour pressure at 20 °C:** 59 hPa (CAS: 64-17-5 ethanol)

· Density and/or relative density

Density at 20 °C: 0.79 g/cm³

· 9.2 Other information

· Appearance:

· Form: Liquid

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Important information on protection of health and environment, and on safety.

• Explosive properties: Product is not explosive. However, formation of

explosive air/vapour mixtures are possible.

· Solvent content:

· **VOC (EU)** 100 %

Information with regard to physical hazard

classes

• Explosives Void

Flammable gases Void

· Aerosols Void

· Oxidising gases Void

· Gases under pressure Void

· Flammable liquids

Highly flammable liquid and vapour.

· Flammable solids Void

· Self-reactive substances and mixtures Void · Pyrophoric liquids Void

Pyrophoric liquidsPyrophoric solidsVoid

· Self-heating substances and mixtures Void

· Substances and mixtures, which emit flammable

gases in contact with water Void

Oxidising liquidsOxidising solidsVoid

· Organic peroxides Void

Corrosive to metalsDesensitised explosivesVoid

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.

- · 10.3 Possibility of hazardous reactions Reacts with acids, alkalis and oxidising agents.
- · 10.4 Conditions to avoid

Protect from frost.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

No dangerous decomposition products known.

Carbon monoxide and carbon dioxide

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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: 64-1	CAS: 64-17-5 ethanol		
Oral	LD50	7,060 mg/kg (rat)	
Inhalative	LC50/4 h	20,000 mg/L (rat)	
CAS: 108-10-1 methyl isobutyl ketone		nyl isobutyl ketone	
Oral	LD50	2,080 mg/kg (rat)	
Dermal	LD50	16,000 mg/kg (rab)	
Inhalative LC50/4 h 11 mg/L (ATE)		11 mg/L (ATE)	
		8.3-16.6 mg/L (rat)	
CAS: 100-	CAS: 100-51-6 Benzyl alcohol		
Oral	LD50	1,230 mg/kg (rat)	
Dermal	LD50	2,000 mg/kg (rabbit)	
Inhalative	LC50/8 h	1,000 ppmV (rat)	

· Skin corrosion/irritation

Irritant to skin and mucous membranes.

Strong degreasing effect.

· 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

Suspected of causing cancer.

- · Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard

May be fatal if swallowed and enters airways.

· Additional toxicological information:

Irritant

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

Vapours have narcotic effect.

Harmful: may cause lung damage if swallowed.

Repeated exposure may cause skin dryness or cracking.

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· 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 Not easily biodegradable
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil Readily absorbed.
- 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
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

Toxic for aquatic organisms

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Also poisonous for fish and plankton in water bodies.

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.

After prior treatment product has to be landfilled or incinerated adhering to the regulations pertaining to the disposal of especially hazardous waste.

· European	· European waste catalogue		
14 06 03*	14 06 03* other solvents and solvent mixtures		
HP3	3 Flammable		
HP4	Irritant - skin irritation and eye damage		
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity		
HP7	HP7 Carcinogenic		
HP14 Ecotoxic			

- Uncleaned packaging:
- · Recommendation:

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1993
· 14.2 UN proper shipping name · ADR	1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), METHYL ISOBUTYL KETONE), ENVIRONMENTALLY HAZARDOUS 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), METHYL ISOBUTYL
· IMDG	KETONE), ENVIRONMENTALLY HAZARDOUS FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), METHYL ISOBUTYL KETONE), MARINE POLLUTANT
· IATA	FLAMMABLE LIQUID, N.O.S. (ETHANOL, METHYL ISOBUTYL KETONE)

- · 14.3 Transport hazard class(es)
- · ADR





• Class 3 (F1) Flammable liquids.

· Label

· IMDG





• Class 3 Flammable liquids. • Label 3

· IATA



· Class 3 Flammable liquids.

· Label

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II
Yes Symbol (fish and tree)
Symbol (fish and tree)
Warning: Flammable liquids. 33 F-E, <u>S-E</u> B
MO Not applicable.
1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
2 D/E
1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANO (ETHYL ALCOHOL), METHYL ISOBUTY KETONE), 3, II, ENVIRONMENTALL HAZARDOUS

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) "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

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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 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.

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:
- · Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

- 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.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

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

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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)

VOC: Volatile Organic Compounds (USA, EU)

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

Flam. Liq. 3: Flammable liquids - Category 3

Acute Tox. 4: Acute toxicity - Category 4

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

Carc. 2: Carcinogenicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard - Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

* Data compared to the previous version altered.

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