

# Safety Data Sheet

in accordance with Regulation (EC) No. 1907/2006 (REACH)



## TEST INK BLUE 24 - 26 mN/m

Product no.: 40.30xxx.0

Revision date: 01/12/2023

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Print date: 01/12/2023 / Version 2.7 en

### 1. Identification of the substance or mixture and of the company

#### 1.1 Product identifier:

##### Trade name / designation:

TEST INK

UFI-Codes: Test Ink BLAU 24 mN/m - TJ41-KMDD-0C0K-EY4G

Test Ink BLAU 26 mN/m - WQ41-KMS5-MC0K-RN9M

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

##### 1.2.1 Uses of the substance or mixture:

Determination of the surface tension and surface cleanliness of solids (films / moulded parts) made of plastic, metal, glass etc.

**1.2.2 Uses advised against:** Do not use for products which come into contact with foodstuffs. Do not use for private purposes (household).

##### 1.3 Details of the supplier of the safety data sheet

Company name	arcotest GmbH
Address	Rotweg 25 71297 Mönstheim, Germany
Phone	+49 7044 9022 70
Fax	+49 7044 9022 69
Contact for information	Mrs Anca Muresan
E-mail	info@arcotest.info
Website	www.arcotest.info
<b>1.4 EMERGENCY TELEPHONE NUMBER</b>	<b>+49 170 5351 781</b> (24h in German and English)

### 2. Possible Dangers

#### 2.1 Classification of the mixture:

##### Regulation (EC) No. 1272/2008

Flammable liquids, category 2	H225
Reproductive toxicity, category 1B	H360FD
Acute toxicity, category 3, inhalation	H331
Acute toxicity, category 4, oral	H302
Eye irritation, category 2	H319
Specific target organ toxicity – single exposure, category 3, central nervous system	H336

##### Additional information:

Full text of H and EUH phrases: see under section 16.

#### 2.2 Labelling elements

##### Labelling in accordance with Regulation (EG) No. 1272/2008 [CLP]

##### Hazard pictograms:



##### Signal word:

Danger

##### Hazard-determining components of labeling:

2 Ethoxyethanol

2-Propanol

##### Hazard statements:

H225: Highly flammable liquid and vapour.

H360FD: May damage fertility. May damage the unborn child.

H331: Toxic if inhaled.

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

H336: May cause drowsiness and dizziness.

**Precautionary statements:**

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking

P201: Obtain special instructions before use.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P308 + P311: IF EXPOSED or concerned: Call a POISON CENTRE or doctor/physician.

P233: Keep containers tightly closed

P240 Ground/bond container and receiving equipment

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P235: Store in a well-ventilated place. Keep cool. Keep cool.

P501 Dispose of contents / container to a hazardous waste collection point or special requirements in accordance with local, regional or international regulations.

Labelling of packaging with contents of no more than 125 ml

Signal word: Danger

Hazard symbol:



For professional users only

**2.3 Other hazards:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 3. Composition / Information on Ingredients

#### 3.2 Mixtures

##### Hazardous ingredients

Designation				
CAS No.	EC No.	REACH No.	Index No.	%
Classification in accordance with Regulation (EG) No. 1272 [CLP]				MG in g/mol
<b>2 Ethoxyethanol - Synonym: Ethylene glycol-monoethylether - C<sub>2</sub>H<sub>5</sub>OCH<sub>2</sub>CH<sub>2</sub>OH</b>				
110-80-5	203-804-1	01-21 19560582-38-XXXX	603-012-00-X	40-100%
H226; H360FD; H331; H302				90.12 g/mol
<b>2-Propanol - CH<sub>3</sub>CH(OH)CH<sub>3</sub></b>				
67-63-0	200-661-7	01-21 19457558-25-XXXX	603-117-00-0	0-60%
H225; H319; H336				60.10 g/mol

Preparation of organic solvents and colouring components

**Additional information:**

Full text of H and EUH phrases: see under section 16.

### 4. First Aid Measures

#### 4.1 Description of first aid measures

**After inhalation:**

Fresh air. If not breathing: give mouth-to-mouth resuscitation or artificial respiration. Supply oxygen, if necessary. Seek medical advice immediately.

**After skin contact:**

Rinse with plenty of water. Remove contaminated clothing. Consult a doctor

**After eye contact:**

In case of contact with eyes, rinse immediately with plenty of water. Consult an eye specialist immediately.

**After ingestion:**

Do not induce vomiting. Rinse mouth with water. Caution: risk of aspiration. Keep the respiratory tract clear. In case of spontaneous vomiting: risk of aspiration. Possible respiratory failure. Seek medical advice immediately.

#### 4.2 Most important symptoms and effects, both acute and delayed

Irritant effects, respiratory paralysis, numbness, dizziness, unconsciousness, narcosis, intoxication, headache, drowsiness, coma, degreasing effect with the formation of dry and cracked skin, ataxia (impaired muscle coordination)

#### 4.3 Indication of any immediate medical attention or special treatment needed

No information available.

## 5. Fire-fighting Measures

### 5.1 Extinguishing agents:

#### Suitable extinguishing agents:

Carbon dioxide (CO<sub>2</sub>), foam, extinguishing powder, water

#### Unsuitable extinguishing agents

DO NOT USE water jet

### 5.2 Specific hazards arising from the substance or mixture

Flammable substances, vapours are heavier than air and spread over the floor.

Hazardous combustion gases or vapours may form in case of fire.

Heating may cause explosive mixtures with air to form.

### 5.3 Advice for fire-fighters

Do not stay in the danger area without self-contained breathing apparatus. Avoid skin contact by keeping a safe distance or wearing suitable protective clothing.

#### Additional information:

Remove containers from the danger zones and cool with water. Prevent extinguishing water from entering the surface water or ground water system.

Damp down gases/vapours/mist with a water spray jet.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Do not inhale vapours/aerosols. Avoid substance contact. Ensure adequate ventilation.

#### Emergency services

Protective equipment: see section 8

### 6.2 Environmental precautions:

Do not empty into drains. Risk of explosion.

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material, e.g. Chemizorb®. Send for disposal. Clean up area.

### 6.4 Reference to other sections

Refer to section 13 for disposal information

## 7. Handling and Storage

### 7.1 Precautions for safe handling

#### Protective measures:

Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes.

Carry out work under a fume hood. Do not inhale substance. Prevent vapours/aerosols from developing.

#### Fire protection measures:

Keep away from open flames, hot surfaces and ignition sources. Take precautionary measures against static discharges.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage facilities and containers:

Store under lock or in a way that only experts or their representatives have access.

Keep away from heat and ignition sources. Keep containers tightly closed in a dry and well-ventilated place.

Recommended storage temperature: 15 – 25 °C.

### 7.3 Specific end uses:

There are no other specific end uses other than those referred to in section 1.

## 8. Exposure Limitation and Control / Personal Protective Equipment

### 8.1 Control parameters

TRGS 900

Name: 2-Ethoxyethanol (110-80-5)

Dermal absorption SKIN DES: Risk of dermal absorption

Value (AGW): 2 ppm 7.6 mg/m<sup>3</sup>

Remarks: The DFG Senate Commission for the Investigation of Health Hazards of Chemical Compounds (MAK Commission) European Union (the EU has defined an air threshold: Value and peak limit may deviate.)  
Can be absorbed through the skin.

A risk of foetal damage cannot be excluded even when complying with the OCCUPATIONAL limit values (AGW) and the biological limit values (BGW).

TWA: 2ppm 8 mg/ m<sup>3</sup>

Europe COMMISSION DIRECTIVE 2009/161/EU establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC

Name: 2-Propanol (67-63-0)  
 Value (AGW): 200 ppm      500 mg/m<sup>3</sup>  
 Remarks: There is no need to be concerned about the risk of foetal damage when complying with the OCCUPATIONAL limit values and the biological limit values (BGW).  
 Germany BAT: 25 mg/l      Parameter: Acetone      Test material: Urine, blood  
 Sampling: c, b (end of working week)

### 8.1.1 Biological OCCUPATIONAL limit

2-Ethoxyethanol: 50mg/l Parameter: Ethoxyacetic acid Testing material: Urine (TRGS 903—biological limit values) Remarks: In case of long-term exposure: after several previous shifts

## 8.2 Exposure limitation and control

### 8.2.1 Appropriate engineering controls:

Technical measures and the use of suitable working methods always have priority over the use of personal protective equipment.

### 8.2.2 Personal protective equipment:

Body protection needs to be selected specifically for the workplace based on the concentration and volume of hazardous substances. The chemical resistance of the protective equipment should be ascertained with the respective supplier.

As work is generally carried out with very small quantities, there is less need for personal protective equipment with the exception of appropriate hand protection if used carefully and properly with a brush or pen application as long as skin contact can be excluded. It is advisable to use special skin barrier cream to protect the skin.

Flame-retardant, antistatic protective clothing

### Hygiene measures:

Change contaminated clothing. Wash hands and face after finishing work. Carry out work under a fume hood. Do not inhale substance. Do not eat or drink at the workplace under any circumstances. Preventative skin protection.

### Eye protection:

Safety goggles

### Hand protection:

Ensure that the chosen protective gloves comply with the requirements of the EC Guideline 2016/425/EU and the EN 374 standard derived from it.

In full contact: Hand protection material: Butyl rubber,

Layer thickness: 0,3 mm, > 480 min breakthrough time

With splash contact: Hand protection material: Nitrile rubber

Layer thickness: 0,4 mm, 99 min breakthrough time

The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the resultant standard EN 374, for example KCL 706 Lapren® (full contact), KCL 741 Dermatril® L (splash contact).

The breakthrough times stated above were determined by KCL in laboratory tests according to EN374 with samples of the recommended glove types.

This recommendation applies only for the product mentioned in this safety data sheet that is supplied for the purpose specified by us. If it is dissolved in or mixed with other substances and under conditions deviating from EN374, you will need to contact suppliers of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell).

### Respiratory protection:

Required when vapours/aerosols are generated.

Recommended filter type: filter A

### 8.2.3 Environmental exposure limitation and control

Do not empty into drains

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Form:	liquid
Colour:	blue
Odour:	ether-like and alcohol-like
pH value:	no data available
Viscosity, dynamic:	no data available
Melting point:	by grading, between approx. -100 and -89.5°C
Boiling point / boiling range:	by grading, between approx. 82.4°C and 135°C at 1013 hPa
Ignition temperature:	between 235 and 425 °C (DIN 51794)

Flash point:	between 12 and approx. 40 °C c.c. (DIN 51755 Part 1)
Oxidising property:	no data available
Solubility:	no data available
Lower explosion limit:	between approx. 1.8 and 2 % vol
Upper explosion limit:	between approx. 13.4 and 14 % vol
Vapour pressure:	(20°C): between approx. 7,5 and 43 hPa
Relative vapour density:	no data available
Density:	no data available
Solubility:	no data available
Water solubility:	(20°C) soluble
Partition coefficient; n Octanol/water	2-Propanol: log Pow: 0.05 Method: (OECD test guideline 107) (lit.) Bioaccumulation is not expected (log Pow <1)
Partition coefficient; n Octanol/water	2-Ethoxyethanol: log Pow: 0.32 Method: (experimental) (lit.) Bioaccumulation is not expected (log Pow <1)
Evaporation rate:	no data available
Minimum ignition energy:	0.65 mJ (2-Propanol)
Conductivity:	<0.1 µS/cm (2-Propanol)
Particle characteristics:	not relevant (liquid)

## 10. Stability and Reactivity

### 10.1 Reactivity:

Vapour/air-mixtures are explosive at intense warming.

### 10.2 Chemical stability:

The product is chemically stable under normal ambient conditions (room temperature).

Stabilising agent: Butyl hydroxy toluene (BHT)

### 10.3 Possibility of hazardous reactions:

No information. See 10.5

### 10.4 Conditions to avoid:

Heat, flames and sparks

### 10.5 Incompatible materials:

Risk of ignition or formation of flammable gases or vapours with: light metals, alkali metals, alkaline earth metals, aluminium powder

Possible violent reactions with: oxidising agents, alkalis

Exothermic reactions with: oxidising agents, nitric acid, aldehyde, amines, oleum, iron

Risk of explosion with: chlorates, phosgene, organic nitro compounds, hydrogen peroxide, nitrogen oxides

### 10.6 Hazardous decomposition products:

Peroxides

In case of fire: see section 5

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### 11.1.1 Substances

##### Acute toxicity of 2-Ethoxyethanol

Oral: LD50 Guinea pig: dose 1400 mg/kg (Regulation (EG) No. 1272/2008, Appendix VI) (ECHA)

Inhalation: LD50 rat; female: dose 14,72 mg/l, (Calculation method)

Dermal: LD50 rabbit, male: dose 3271 mg/kg (ECHA)

##### Acute toxicity of 2-Propanol

Oral: LDLO human: dose 3570 mg/kg (RTECS)

Symptoms: Risk of aspiration if swallowed – can enter the lungs and damage them. Aspiration may lead to pulmonary oedema and pneumonia.

LD50 rat: dose 5045 mg/kg (RTECS);

Inhalation: LD50 rat: dose: 37.5 mg/l, 4h, vapour (OECD 403);

Symptoms: irritation of the mucosal membranes

Dermal: LD50 rabbit: dose 12800 mg/kg (RTECS)

Symptoms: Degreasing effect with the formation of dry and cracked skin.

Skin irritation with 2-Ethoxyethanol: No skin irritation - 4 h (OECD Test Guideline 404)

Eye irritation with 2-Ethoxyethanol: slight irritation 1h (Draize Test)

Eye irritation with 2-Propanol (rabbit): irritation (OECD 405)

Sensitisation text with 2-Ethoxyethanol (guinea pig): negative (OECD 406)

Sensitisation text with 2-Propanol (guinea pig): negative (OECD 406)  
 In-vivo genotoxicity with 2-Propanol: Mutagenicity (mammalian cell test): micronucleus negative (OECD406)  
 In-vitro genotoxicity with 2-Ethoxyethanol: Ames test: negative (National Toxicology Program)  
 Mutagenicity (mammalian cell test): Chromosome aberration: positive (Nat. Toxicology Program)

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

2-Ethoxyethanol IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Carcinogenicity (rat OECD 451): No carcinogenic effect

Teratogenicity: May damage the unborn child.

Reproductive toxicity: May damage fertility.

**Specific target organ toxicity (single exposure)**

No information.

**Specific target organ toxicity (repeated exposure)**

No information.

**Risk of aspiration**

No information.

**Further information:**

After absorption of large quantities (2-Propanol): narcosis, headache, dizziness, intoxication, unconsciousness

After ingestion of large quantities (2-Propanol): respiratory paralysis, coma

2-Ethoxyethanol: Anesthesia, liver damage and kidney damage are possible

**Further information:**

2-Ethoxyethanol RTECS: KK8050000

Take the normal precautions when handling chemicals.

**11.2 Endocrine disrupting properties**

Not listed.

**11.3 Information on other hazards**

There is no additional information.

**12. Ecological Information**

**12.1 Ecotoxicity:**

**2-Ethoxyethanol:**

Fish toxicity: Lepomis macrochirus: >10,000 mg/l / 96 h (IUCLID)

Daphnia toxicity: EC50 Daphnia (water flea): 1892,52 mg/l / 48 h (ECOTOX data sheet)

Algal toxicity: IC50 Desmodesmus subspicatus: >1000 mg/l / 72 h (IUCLID)

Bacteria toxicity: EC10 Pseudomonas putida: 1725 mg/l 16 h (IUCLID)

**2-Propanol:**

Fish toxicity: LC50 Pimephales promelas: 9460 mg/l / 96 h

Daphnia toxicity: EC5 Entosiphon sulcatum: 4930 mg/l / 72 h (toxic limit concentration)

EC50 Daphnia magna: 13299 mg/l / 48 h (IUCLID)

Algal toxicity: IC50 Desmodesmus subspicatus: >1000 mg/l / 72 h (IUCLID)

Bacteria toxicity: EC5 Pseudomonas putida: 1050 mg/l 16 h

**12.2 Persistence and degradability**

2- Ethoxyethanol: Readily biodegradable: 100% / 14 d (OECD 301E)

2-Propanol: Readily biodegradable: 95 % / 21 d (OECD 301E)

Biochemical oxygen demand (BOD): 2- Ethoxyethanol: 1100 mg/g (5d) (IUCLID)

Chemical oxygen demand (COD): 2- Ethoxyethanol: 1890 mg/g (IUCLID)

Theoretical oxygen demand (ThOD): 2- Ethoxyethanol: 1950 mg/g (IUCLID)

Theoretical oxygen demand (ThOD): 2- Propanol: 2400 mg/g (IUCLID)

BOD/ThBOD ratio 2-Propanol: BSB5 49% (IUCLID) / COD/ThBOD ratio 2-Propanol: 96%

**12.3 Bioaccumulation potential:**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other harmful effects:**

**Biological effects:**

Toxic effect on fish and plankton.

Causes no disruptions in waste water treatment processes when used properly based on our current knowledge.

Threat to drinking water if large quantities are allowed to enter the soil and/or watercourses.

**Additional ecotoxicological information:**

Do not allow to enter watercourses, waste water or soil!

**12.7 Endocrine disrupting properties**

Not listed.

**12.8 Other adverse effects**

Data are not available.

**13. Disposal Considerations**

**13.1 Waste management process**

This product and its container must be disposed of as hazardous waste. Disposal of contents and containers in accordance with local/regional/international regulations.

**Information relevant for waste water disposal**

Do not allow to enter sewerage system.

**13.2 Relevant waste legislation**

The assignment of the waste code numbers /waste designations shall be carried out in accordance with EAKV in a sector- and process-specific manner.

**13.3 Notes**

Waste shall be separated in such a way that it can be treated separately by municipal or national waste facilities. Please observe the relevant national or regional regulations.

**13.4 Further information**

Ink that is no longer usable can be returned for disposal.

**14. Transport Information**

**14.1 UN number or ID number**

ADR/RID/ADN	UN 1993
IMDG-Code	UN 1993
ICAO-TI	UN 1993

**14.2 UN proper shipping name**

ADR/RID/ADN	Flammable liquid substance, n.o.s. ((2-Propanol / 2-Ethoxyethanol)
IMDG-Code	Flammable liquid substance, n.o.s. ((2-Propanol / 2-Ethoxyethanol)
ICAO-TI	Flammable liquid substance, n.o.s. ((2-Propanol / 2-Ethoxyethanol)

**14.3 Transport hazard class(es)**

ADR/RID/ADN	3
IMDG-Code	3
ICAO-TI	3

**14.4 Packing group**

ADR/RID/ADN	II
IMDG-Code	II
ICAO-TI	II

**14.5 Environmental hazards**

non-environmentally hazardous acc. to the dangerous goods regulations

**14.6 Special precautions for user**

Provisions for dangerous goods (ADR) should be complied within the premises.

**14.7 Maritime transport in bulk according to IMO instruments**

The cargo is not intended to be carried in bulk

**14.8 Overland transport (ADR/RID)**

UN number	UN 1993
UN proper shipping name	Flammable liquid substance, n.o.s. (2-Propanol / 2-Ethoxyethanol)
Class	3
Packing group	II

Inland waterway transport (ADN)

Not relevant.

Sea transport (IMDG)

UN number	UN 1993
UN proper shipping name	Flammable liquid substance, n.o.s. (2-Propanol / 2-Ethoxyethanol)
Class	3
Packing group	II

Air transport (ICAO-IATA/DGR)

UN number UN 1993  
 UN proper shipping name Flammable liquid substance, n.o.s. (2-Propanol / 2-Ethoxyethanol)  
 Class 3  
 Packing group II

The transport regulations are cited in accordance with the international regulations and in the form in which they are applied in Germany. Possible deviations in other countries are not taken into considerations.

**14.9 Transport in bulk according to Annex II of the MARPOL 73/78 Convention and the IBC Code**  
 Not relevant.

**15. Regulatory Information**

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

**15.1.1 EU regulations**

**Hazardous Incident Ordinance:** 96/82/EC Edition: 2003  
 Flammable.  
 6 and P5C  
 Quantity 1 : 5000 t  
 Quantity 2 : 50000 t

**Employment restriction:** Observe employment restrictions in accordance with the Youth Protection Act (94/33/EC). Observe employment restrictions in accordance with the Pregnant Workers Directive (EC 92/85/EEC) for expectant or nursing mothers.

**Substances of very high concern (SVHC):** This product contains no substances of very high concern above the statutory concentration limit of  $\geq 0.1\%$  (w/w) in accordance with the REACH Regulation EC No. 1907/2006, Art. 57. Contains: 2-Ethoxyethanol

**Relevant European Union (EU) regulations**

**Regulation 649/2012/EU on the export and import of dangerous chemicals (PIC).**

Not listed.

**Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS).**

Not listed.

**Regulation 850/2004/EC on Persistent Organic Pollutants (POP)**

Not listed.

**List of substances subject to authorisation (REACH, Annex XIV) /SVHC - Candidate List**

Name acc. to inventory	CAS-No.	Listed in	Remarks
2-Ethoxyethanol	110-80-5	Candidate list	Repr. A57c

Repr.A57c-Prototoxic to reproduction

Propanol is not listed

**Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) - Annex II**

Not listed

**Directive 75/324/EEC on aerosol dispensers; filling lots**

**Decopaint Directive (2004/42/EC) ; Industrial Emissions Directive (VOCs, 2010/75/EU)**

Substance name	CAS-No.	Wt.-%	VOC-Content
2-Ethoxyethanol	110-85-5	100	100 %
2 Propanol	67-63-0	100	100 % / 786 g / l

**Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Pollutant Release and Transfer Register (PRTR)**

not listed

**Regulation 98/2013/EU on the marketing and use of precursors for**

**Explosives**

not listed

**Regulation 111/2005/EC laying down rules for the monitoring of trade in between the Community and third countries**

not listed

**National inventories**

**Substance is listed in the following national schedules:**

Country	National Directories	Substance status
AU	AICS	2 Propanol is listed
CA	DSL	2-Ethoxyethanol is listed 2 Propanol is listed
CN	IECSC	2 Propanol is listed
EU	ECSI	2 Propanol is listed
EU	EINECS/ELINCS/NLP	2-Ethoxyethanol is listed
JP	REACH Reg.	2-Ethoxyethanol is listed 2 Propanol is listed
JP	CSCL-ENCS	2 Propanol is listed
KR	ISHA-ENCS	2 Propanol is listed
MX	KECI	2 Propanol is listed
NZ	NSQ	2 Propanol is listed
PH	NZIoC	2 Propanol is listed
TR	PICCS	2 Propanol is listed
TW	CICR	2 Propanol is listed
US	TSCA	2-Ethoxyethanol is listed

#### Legende

AICS Australian Inventory of Chemical Substances  
 CICR Chemical Inventory and Control Regulation  
 CSCL-ENCS List of Existing and New Chemical Substances (CSCL-ENCS)  
 DSL Domestic Substances List (DSL)  
 ECSI EG-Stoffverzeichnis (EINECS, ELINCS, NLP)  
 IECSC Inventory of Existing Chemical Substances Produced or Imported in China  
 INSQ National Inventory of Chemical Substances  
 KECI Korea Existing Chemicals Inventory  
 NZIoC New Zealand Inventory of Chemicals  
 PICCS Philippine Inventory of Chemicals and Chemical Substances (PICCS)  
 REACH Reg. REACH registrierte Stoffe  
 TCSI Taiwan Chemical Substance Inventory  
 TSCA Toxic Substance Control Act

#### 15.1.2 National regulations (Germany)

Storage class VCI: 3 Flammable liquid substances

BG Chemie data sheet:

M017 Solvents

M039 Foetal damage – protection in the workplace

M050 Handling hazardous materials

M004 Irritating substances / corrosive substances

Water hazard class WGK 1 Slightly harmful to water

#### 15.2 Chemical safety assessment:

No chemical safety assessment has been carried out for this product.

## 16. Other Information

### 16.1 Changes made (revised safety data sheet)

Notice of changes: Section 1 Section 2 Section 3 Section 7

### 16.2 Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
DIN	German Institute for Standardisation
EG	European Community
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organisation – Technical Instructions
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Standards Organisation
IUCLID	International Uniform Chemical Information Database
LC	Lethal Concentration
LD	Lethal Dose
log K <sub>ow</sub>	Partition coefficient between octanol and water
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative, Toxic

RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
TRGS	Technical Rules for Hazardous Substances
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very Persistent and very Bioaccumulative
VwVwS	Administrative Regulation on the Classification of Substances Hazardous to Water
WGK	Water Hazard Class

**16.3 Most important literature references and data sources**

The data for the hazardous ingredients was taken from the most recent version of the pre-supplier's safety data sheet. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

**16.4 Classification of mixtures and evaluation methods used in accordance with Regulation (EC) No. 1272/2008 [CLP]**

See section 2.1 (classification).

**16.5 Wording of H and EUH phrases (number and full text):**

H225	Highly flammable liquid and vapour
H360FD	May damage fertility. May damage the unborn child.
H331	Toxic by inhalation.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H336	May cause drowsiness and dizziness.

**16.6 Training advice:**

Provide appropriate information, instructions and training for users.

**16.7 Other information:**

The health hazards referred to in this data sheet may occur if larger quantities of the product are handled carelessly or inappropriately and when safety precautions and hygiene measures are not observed. However, as a quantity of several milligrams is used in a process to measure the surface tension and these measurements are not continuous but instead conducted over a period of one or more hours, we can practically exclude any damage to health if the product is handled correctly and the prescribed safety measures are observed (these include good ventilation and appropriate hand protection).

**Information:** Phone +49 7044 9022 70  
Fax +49 7044 9022 69  
E-mail [info@arcotest.info](mailto:info@arcotest.info)

The information contained herein is based on our present knowledge and characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product described. Changes or duplications require the express permission of arcotest GmbH