

## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

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

- **1.1 Product identifier**
- **Trade name:** Azure A DNA stain solution
- **Product Code:** 30-43-01, 30-43-05
- **Registration number** Mixture
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** PC21 Laboratory chemicals
- **Application of the substance / the mixture** Laboratory chemicals
- **Uses advised against** Any use not specified above.
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier:**  
 Severn Biotech Ltd.  
 Unit 2,  
 Park Lane,  
 Kidderminster,  
 Worcestershire.  
 DY11 6TJ  
 UK  
 Tel: 0044 1562 825286  
 Fax: 0044 1562 825284  
 email: info@severnbiotech.com
- **Further information obtainable from:** Product safety department.
- **1.4 Emergency telephone number:**  
 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 GB-CLP**  
 Flam. Liq. 3 H226 Flammable liquid and vapour.
- **2.2 Label elements**
- **Labelling according to GB-CLP** The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS02

- **Signal word** Warning
- **Hazard statements**  
 H226 Flammable liquid and vapour.
- **Precautionary statements**

P210 P240 P241 P280 P303+P361+P353	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
--	--

(Contd. on page 2)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 1)

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

- **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 nonhazardous additions.

- **Dangerous components:**

CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-XXXX	Ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	25 – < 50%
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: 01-2119433307-44-XXXX	Methanol ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ STOT SE 1, H370 ATE: LD50 oral: 100 mg/kg LD50 dermal: 300 mg/kg LC50/4 h inhalative: 3 mg/l Specific concentration limits: STOT SE 1; H370: C ≥ 10 % STOT SE 2; H371: 3 % ≤ C < 10 %	1 – 2.5%

- **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:**  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **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:**  
Check for and remove any contact lenses.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.
- **Information for doctor:** Treat symptomatically and supportively.
- **4.2 Most important symptoms and effects, both acute and delayed**  
Headache  
Dizziness  
Nausea  
Unconsciousness

(Contd. on page 3)

## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(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:**CO<sub>2</sub>, 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**

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO<sub>x</sub>)Sulphur Oxides (SO<sub>x</sub>)

Flammable. Vapours may travel to source of ignition and flash back.

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

**· 5.3 Advice for firefighters****· Protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

**· Additional information**

Absorb gas/vapours with water spray.

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**\* SECTION 6: Accidental release measures****· 6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from ignition sources.

Keep ignition sources away - no smoking.

Wear protective equipment. Keep unprotected persons away.

Keep people at a distance and stay on the windward side.

Vapours are heavier than air. They can spread along the ground and collect in confined spaces.

**· 6.2 Environmental precautions:**

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

**· 6.3 Methods and material for containment and cleaning up:**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wash the area with plenty of water.

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.

— GB —

(Contd. on page 4)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 3)

## \* SECTION 7: Handling and storage

### · 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.

Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Vapour is heavier than air. Beware of accumulation in pits and confined spaces.

### · Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

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 the original receptacle.

Vapours can build up in the headspace of containers. These can cause flammability/explosion hazards. Open slowly in order to control possible pressure release.

#### · Information about storage in one common storage facility: Store away from oxidising agents.

#### · Further information about storage conditions:

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Store in cool, dry conditions in well sealed receptacles.

#### · Storage class: 3

#### · 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:

##### CAS: 64-17-5 Ethanol

WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

##### CAS: 67-56-1 Methanol

WEL Short-term value: 333 mg/m<sup>3</sup>, 250 ppm

Long-term value: 266 mg/m<sup>3</sup>, 200 ppm

Sk

#### · DNELs

##### CAS: 64-17-5 Ethanol

Oral	Long-term systemic effects	87 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	206 mg/kg bw/day (general population)
		343 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	114 mg/m <sup>3</sup> (general population)
		380 mg/m <sup>3</sup> (worker)
	Short-term local effects	950 mg/m <sup>3</sup> (general population)
		1,900 mg/m <sup>3</sup> (worker)

(Contd. on page 5)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 4)

**CAS: 67-56-1 Methanol**

Oral	Long-term systemic effects	4 mg/kg bw/day (general population)
	Short-term systemic effects	4 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	4 mg/kg bw/day (general population) 20 mg/kg bw/day (worker)
	Short-term systemic effects	4 mg/kg bw/day (general population) 20 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	26 mg/m <sup>3</sup> (general population) 130 mg/m <sup>3</sup> (worker)
	Short-term systemic effects	26 mg/m <sup>3</sup> (general population) 130 mg/m <sup>3</sup> (worker)
	Long-term local effects	26 mg/m <sup>3</sup> (general population) 130 mg/m <sup>3</sup> (worker)
	Short-term local effects	26 mg/m <sup>3</sup> (general population) 130 mg/m <sup>3</sup> (worker)

**· PNECs**
**CAS: 64-17-5 Ethanol**

Freshwater	960 µg/L
Freshwater - Intermittent releases	2.75 mg/L
Marine water	790 µg/L
Sewage Treatment Plant	580 mg/L
Sediment (freshwater)	3.6 mg/kg
Sediment (marine water)	2.9 mg/kg
Soil	630 µg/kg
Secondary poisoning	380 – 720 mg/kg food

**· Additional information:** The lists valid during the making were used as basis.

**· 8.2 Exposure controls**
**· Appropriate engineering controls** No further data; see section 7.

**· Individual protection measures, such as personal protective equipment**
**· General protective and hygienic measures:**

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

A safe system of work must be formulated and followed to ensure safe working with this product. Relevant workers must receive suitable and sufficient training and supervision.

Take note of assigned Workplace Exposure Limits.

Pregnant women should strictly avoid inhalation or skin contact.

Ensure that eyewash stations and safety showers are close to the workstation location.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**· Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A for organic vapours

(Contd. on page 6)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 5)

#### · Hand protection



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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

Break-through time: &gt; 480 minutes

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



Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### · Body protection:



Flame retardant antistatic protective clothing.

Do not get on skin or clothing. Wear clothing and footwear that cannot be penetrated by the product. Suitable protective equipment may include: Chemical resistant boots, Chemical resistant apron, Full chemical protective suit with a hood, Chemical protective suit consisting of a jacket and trousers. The jacket should be buttoned up to the neck, sleeves sealed at the gloves, and trouser legs worn outside the boots. These precautions are required to prevent the clothing from accidentally trapping product against the skin.

## \* SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · General Information

· Physical state	Liquid
· Colour:	Colourless
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	-23 °C
· Boiling point or initial boiling point and boiling range	78 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	2.5 Vol %
· Upper:	13 Vol %
· Flash point:	26 °C
· Auto-ignition temperature:	> 250 °C
· Decomposition temperature:	Not determined.

(Contd. on page 7)

## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 6)

· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Fully miscible.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	59 hPa
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.95 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	Product is not self-igniting.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Solvent content:</b>	
· <b>VOC (EC)</b>	40.00 %
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Flammable liquid and vapour.
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases</b>	
· <b>in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	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 and stored according to specifications.

(Contd. on page 8)

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 7)

- **10.3 Possibility of hazardous reactions**  
Forms explosive gas mixture with air.  
Reacts violently with oxidising agents.
- **10.4 Conditions to avoid** Heat and static discharge.
- **10.5 Incompatible materials:** Strong acids and oxidising agents
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides (SO<sub>x</sub>)

## \* 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:

#### ATE (Acute Toxicity Estimates)

Oral	LD50	7,142.9 mg/kg
Dermal	LD50	21,429 mg/kg
Inhalative	LC50/4 h	214.29 mg/l

#### CAS: 64-17-5 Ethanol

Oral	LD50	> 10,000 mg/kg (rat)
Dermal	LD50	> 10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	> 100 mg/l (rat)

- **Primary irritant effect:**
- **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.
- **Subacute to chronic toxicity:**  
Prolonged or repeated skin contact may irritate and cause dermatitis.  
EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: May have effects on the central nervous system.
- **Additional toxicological information:**  
ROUTES OF EXPOSURE: The component substances can variously be absorbed into the body by inhalation, through the skin and by ingestion.  
EFFECTS OF SHORT-TERM EXPOSURE: The product is irritating to the eyes and the respiratory tract. May cause effects on the central nervous system.
- **11.2 Information on other hazards**

### · Endocrine disrupting properties

None of the ingredients are listed.

GB

(Contd. on page 9)



## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 8)

### \* SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

**CAS: 64-17-5 Ethanol**

EC50 (96 h) 454 mg/l (Bacteria)

#### · 12.2 Persistence and degradability biodegradable

#### · 12.3 Bioaccumulative potential Contains components with the potential to bioaccumulate.

#### · 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

##### · Recommendation

Recommended Hierarchy of Controls:

- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

##### · Uncleaned packaging:

##### · Recommendation:

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

Container remains hazardous when empty. Continue to observe all precautions.

Do not mix with other waste streams.

Containers, even those that are "empty," may contain residues that can develop flammable vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

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

### \* SECTION 14: Transport information

#### · 14.1 UN number or ID number

##### · ADR/RID/ADN, IMDG, IATA

UN1993

(Contd. on page 10)

GB

## Safety data sheet

according to UK REACH (SI 2020/1577) as amended



Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 9)

<ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR/RID/ADN</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>	UN1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), METHANOL) FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), METHANOL) FLAMMABLE LIQUID, N.O.S. (ETHANOL, METHANOL)
<ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR/RID/ADN</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	3 (F1) Flammable liquids. 3
<ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	3 Flammable liquids. 3
<ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>ADR/RID/ADN, IMDG, IATA</b></li> </ul>	III
<ul style="list-style-type: none"> <li>· <b>14.5 Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>	No
<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> <li>· <b>Hazard identification number (Kemler code):</b></li> <li>· <b>Hazchem Code:</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Category</b></li> </ul>	Warning: Flammable liquids. 30 •3Y F-E, <u>S-E</u> A
<ul style="list-style-type: none"> <li>· <b>14.7 Maritime transport in bulk according to IMO instruments</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>ADR/RID/ADN</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul style="list-style-type: none"> <li>· <b>Transport category</b></li> <li>· <b>Tunnel restriction code</b></li> </ul>	3 D/E
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> </ul>	5L

(Contd. on page 11)

—GB—

## Safety data sheet

### according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

**Trade name: Azure A DNA stain solution**

(Contd. of page 10)

· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL), METHANOL), 3, III

### SECTION 15: Regulatory information

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

- **Regulated explosives precursors**

None of the ingredients are listed.

- **Regulated poisons**

None of the ingredients are listed.

- **Reportable explosives precursors**

None of the ingredients are listed.

- **Reportable poisons**

None of the ingredients are listed.

- **Control Of Major Accident Hazards Regulations 2015 (COMAH)**
- **Named dangerous substances - ANNEX I** None of the ingredients are listed.
- **COMAH category** P5c
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **National regulations:**
- **Information about limitation of use:**

Class	Share in %
I	3.5
NK	96.5

- **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.  
This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- **Relevant phrases**

H225 Highly flammable liquid and vapour.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H370 Causes damage to organs.  
H371 May cause damage to organs.

(Contd. on page 12)

## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

Printing date 18.03.2025

Version number 2

Revision: 18.03.2025

---

**Trade name: Azure A DNA stain solution**

---

(Contd. of page 11)

**· Training hints**

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

**· Department issuing SDS: Product safety 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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3

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

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

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

---

GB

---