Safety Data Sheet

According to the regulatories (CE) n° 1907/2006 [REACH] and (CE) n° 1272/2008 [CLP]

Revision date: 19/10/2022 *Version: 4.1*

SECTION 1: Identification of the substance/mixture and the supplier/manufacturer

1.1. Product identifier

Trade name/designation	Product No
Uvibio 10ml	B200

1.2. Composition/information on components

The product is a cytological dye used in fluorescence microscopy. Although not classified as dangerous mixtures, it contains a dangerous substance for which the classification according to Regulation (EC) No 1272/2008 can be obtained in section 3.

1.3. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use: Research use only – for professional users only

1.4. Details of the supplier of the safety data sheet

Supplier
LDBIO DIAGNOSTICS
24 Avenue Joannes Masset
69009 Lyon, France
Phone number : +33 4 78 83 34 87
Fax number : +33 4 78 83 34 30
Email : contact@ldbiodiag.com
Web site : www.ldbiodiagnostics.com

Manufacturer
LDBIO DIAGNOSTICS
24 Avenue Joannes Masset
69009 Lyon, France
Phone number : +33 4 78 83 34 87
Fax number : +33 4 78 83 34 30
Email : contact@ldbiodiag.com
Web site : www.ldbiodiagnostics.com

Emergency telephone

Telephone: 112 (emergency service) - 999 or Call a POISON CENTRE or doctor/physician

SECTION 2: Hazards identification

2.1 substance or mixture identifier

Trade name/designation:	**Uvibio 10ml** (included in the WB kit)
Product No.:	**B200**
EC identification No:	not applicable
REACH identification No:	not applicable
CAS No:	not applicable
Other means of identification:	no data available

2.2 Classification of the substance or mixture

2.2.1 GHS Classification in accordance with (CE) N° 1272/2008 [CLP]

Not a hazardous substance or mixture according to CE 1272/2008

2.3 Label elements

2.3.1 Labelling in accordance with (CE) N° 1272/2008 [CLP]

- **Hazard pictograms**
  None
- **Signal word:**
  none
- **Hazard statements**
  none
- **Precautionary statements**
  none
- **Hazards not otherwise classified (HNOC)**
  EUH 032 - Contact with acids liberates very toxic gas
  EUH 210 - Material Safety Data Sheet available on request
- **Annotation in the IFU:**
  none

SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Hazardous ingredients Classification according to (CE) N° 1272/2008 [CLP]

Substance name	Substance identifier	Hazard classes and hazard categories of the substance	[C]	Hazard classes and hazard categories of uvibio
Sodium azide	n°CAS: 26628-22-8 N°CE: 247-852-1 REACH Registration Number: 01-2119457019-37-xxxx	Acute Tox, oral, 2 –H300 Acute Tox, inhalation, 2 – H330 Acute Tox, dermal, 1 – H310 STOT, repeat, oral, 2 M=1 – H372 Aquatic Acute 1 - H400 Aquatic Chronic 1 M=1– H410 Contact with acids liberates very	<0.1%	EUH 032

Substance name	Substance identifier	Hazard classes and hazard categories of the substance	[C]	Hazard classes and hazard categories of uvibio
		toxic gas - EUH 032		
Uvitex 2b	n°CAS: 27344-41-8 N°CE: 248-421-0	Acute tox, oral (cat 4) H302 Acute tox, inhalation (cat 4) Serious eye damage (cat 1C)	<0.99%	Not a hazardous substance or mixture according to CE 1272/2008

SECTION 4: First aid measures

4.1 General information

If exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Change contaminated, saturated clothing. Do not leave affected person unattended.

After inhalation

Call a POISON CENTER/doctor. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

In case of ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Give nothing to eat or drink.

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of any immediate medical attention and special treatment needed

no data available

4.4 Self-protection of the first aider

First aider: Pay attention to self-protection!

4.5 Information to physician

no data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

The product itself is not flammable.
Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

no restriction

5.2 Specific hazards arising from the chemical

no data available

5.3 Advice for firefighters

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing if necessary.

Additional information

Standard procedure for chemical fires: Use extinguishing media appropriate to local conditions and the surrounding environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

In case of major fire and large quantities: Remove persons to safety.

6.2 Environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Spilled product must never be returned to the original container for recycling. Collect in closed and suitable containers for disposal.

6.4 Additional information

Clear spills immediately.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

All work processes must always be designed so that the following is as low as possible: Inhalation, ingestion, skin contact, eye contact. Do not eat, drink or smoke in the work area. Handle in accordance with good laboratory practice.

7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature: see operating instructions and labels.
Storage class: no data available.

7.3 Specific end use(s)

Research Use only. For professional users only

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

no data available

8.2 Engineering controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

Personal protection equipment (PPE)

Wear suitable protective clothing. When handling with chemical substances, CE approved protective clothing must be worn.

Eye/face protection

Eye glasses with side protection (norms DIN/EN: DIN EN 166)

Skin protection

Wear suitable gloves. When handling with chemical substances, CE approved protective gloves must be worn (norms DIN/EN: EN ISO 374). In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

Respiratory protection

Respiratory protection necessary at: aerosol or mist formation If exposure limits are exceeded or irritation is experienced, CE approved respiratory protection should be worn (norms NF EN 136/140).

Additional information

Wash hands before breaks and after work. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

Environmental exposure controls
no data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a) Appearance	
Physical state:	liquid , solid
Color:	green
(b) Odour:	no data available
(c) Odour threshold:	no data available

Safety relevant basic data

(d) pH:	no data available
(e) Melting point/freezing point:	no data available
(f) Initial boiling point and boiling range:	no data available
(g) Flash point:	no data available
(h) Evaporation rate:	no data available
(i) Flammability (solid, gas):	not applicable
(j) Flammability or explosive limits	
Lower explosion limit:	no data available
Upper explosion limit:	no data available
(k) Vapour pressure:	no data available
(l) Vapour density:	no data available
(m) Relative density:	no data available
(n) Solubility(ies)	
Water solubility (g/L):	no data available
Soluble (g/L) in Ethanol:	no data available
(o) Partition coefficient: n-octanol/water:	no data available
(p) Auto-ignition temperature:	no data available
(q) Decomposition temperature:	no data available
(r) Viscosity	
Kinematic viscosity:	no data available
Dynamic viscosity:	no data available
(s) Explosive properties:	not applicable
(t) Oxidising properties:	not applicable

9.2 Other information

Bulk density:	not applicable
Refraction index:	no data available
Dissociation constant:	no data available
Surface tension:	no data available
Henry constant:	no data available
Explosive substances and mixtures:	no data available
Flammable gases:	no data available
Minimum flammable gas content:	no data available
Basic Burning Rate:	no data available
Aerosols:	no data available
Oxidizing gases:	no data available
Gases under pressure:	no data available
Flammable liquids:	no data available
Flammable solids:	no data available
Self-reactive substances and mixtures:	no data available
Pyrophoric liquids:	no data available
Pyrophoric solids:	no data available
Self-heating substances and mixtures:	no data available
Substances and mixtures which evolve flammable gases in contact with water:	no data available
Oxidizing liquids:	no data available

Oxidizing solids:	no data available
Organic peroxides:	no data available
Substances or mixtures corrosive to metals:	no data available
Desensitized explosives:	no data available
Mechanical sensitivity:	no data available
Accelerated polymerization temperature:	no data available
Formation of explosive dust/air mixtures:	no data available
Acid/alkali reserve:	no data available
Evaporation rate:	no data available
Miscibility:	no data available
Conductivity:	no data available
Corrosivity:	no data available
Gas group:	no data available
Redox potential:	no data available
Free radical potential:	no data available
Photocatalytic properties:	no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Contain sodium azide (<0.1%): Contact with acids liberates very toxic gas.

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

10.7 Additional information

no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

not applicable

Irritant and corrosive effects

Primary irritation to the skin:

not applicable

Irritation to eyes:

not applicable

Irritation to respiratory tract:

not applicable

Respiratory or skin sensitization

not applicable

STOT-single exposure

not applicable

STOT-repeated exposure
not applicable

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Carcinogenicity
No indications of human carcinogenicity exist.

Germ cell mutagenicity
No indications of human germ cell mutagenicity exist.

Reproductive toxicity
No indications of human reproductive toxicity exist.

Aspiration hazard
not applicable

Properties that disrupt the endocrine system
no data available

Other adverse effects
no data available

Additional information
no data available

SECTION 12: Ecological information

12.1 Ecotoxicity

Fish toxicity:
no data available

Daphnia toxicity:
no data available

Algae toxicity:
no data available

Bacteria toxicity:
no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water: no data available

12.4 Mobility in soil:

no data available

12.5 Results of PBT/vPvB assessment

no data available

12.6 Properties that disrupt the endocrine system

no data available

12.7 Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Waste code product: no data available

Appropriate disposal / Package

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

Additional information

no data available

SECTION 14: Transport information

Land transport (ADR/RID)

No dangerous good in sense of this transport regulation.

Sea transport (IMDG)

No dangerous good in sense of this transport regulation.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

Air transport (ICAO-TI / IATA-DGR)

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006

- Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 16: Other information

Abbreviations and acronyms

IVD – In Vitro Diagnostic
INRS - The National Research and Safety Institute for the Prevention of Occupational Accidents and Diseases
VLE - Exposure limit value
VME - Average exposure value
ACGIH - American Conference of Governmental Industrial Hygiensts
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road AGS - Committee on Hazardous Substances (Ausschuss für Gefahrstoffe)

CLP - Regulation on Classification, Labelling and Packaging of Substances and Mixtures DFG - German Research Foundation (Deutsche Forschungsgemeinschaft)
Gestis - Information system on hazardous substances of the German Social Accident Insurance (Gefahrstoffinformationssystem der Deutschen Gesetzlichen Unfallversicherung)
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations ICAO-TI - International Civil Aviation Organization-Technical Instructions
IMDG - International Maritime Code for Dangerous Goods LTV - Long Term Value
NIOSH - National Institute for Occupational Safety and Health OSHA - Occupational Safety & Health Administration
PBT - Persistent, Bioaccumulative and Toxic
RID - Regulation concerning the International Carriage of Dangerous Goods by Rail STV - Short Term Value
SVHC - Substances of Very High Concern vPvB - very Persistent, very Bioaccumulative

Additional information
Indications of change: 19/10/2022 Section 1
general update: 01/12/2020 (Vs03)

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guidance. The information in this document is based on the present state knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. LDBIO DIAGNOSTICS shall not be held liable for any damage resulting from handling.