

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 04/02/2019

Page 1/7

Reviewed on 04/02/2019

**1 Identification**

- **Product identifier**
- **Trade name:** EveryBlot Blocking Buffer
- **Catalog or product number:** 12010020, 12010947
- **Application of the substance / the mixture** Laboratory chemicals
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Bio-Rad Laboratories, Life Science Group  
2000 Alfred Nobel Drive  
Hercules, California 94547
- **Information department:** lsg\_techserv\_us@bio-rad.com
- **Emergency telephone number:**  
1(800)424-9300 Use only in the event of a CHEMICAL EMERGENCY involving a SPILL, LEAK, FIRE, EXPLOSION or ACCIDENT.  
510-741-1000

(510)741-1000

**2 Hazard(s) identification**

- **Classification of the substance or mixture**  
The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**3 Composition/information on ingredients**

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with non-hazardous additions.
- **Listing of dangerous and non-hazardous components:** Void
- **Additional information** For the wording of the listed risk phrases refer to section 15.

**4 First-aid measures**

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Rinse mouth with water. Seek medical attention and appropriate follow-up.
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

us

**Safety Data Sheet**  
acc. to OSHA HCS

Page 2/7

Reviewed on 04/02/2019

Printing date 04/02/2019

**Trade name:** EveryBlot Blocking Buffer

(Contd. of page 1)

- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

**5 Fire-fighting measures**

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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.
- **Protective Action Criteria for Chemicals**

• **PAC-1:**

None of the ingredients is listed.

• **PAC-2:**

None of the ingredients is listed.

• **PAC-3:**

None of the ingredients is listed.

**7 Handling and storage**

- **Handling**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** According to product specification
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 3)

us

RECEIVED  
DEC 02 2020

Safety

Printing date 04/02/2019

Trade name: EveryBlot Blocking Buffer

Page 3/7

Reviewed on 04/02/2019

## Control parameters

## Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

## Additional information: The lists that were valid during the creation were used as basis.

## Exposure controls

## Personal protective equipment

General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed.

## Breathing equipment:

Not required.

Not necessary if room is well-ventilated. Adequate ventilation required.

## Protection of hands: Protective gloves:

Material of gloves Synthetic gloves

## 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 protection: Safety glasses

## 9 Physical and chemical properties

## Information on basic physical and chemical properties

## General Information

## Appearance:

Form: Liquid  
Color: Light yellow  
Odor: Odorless  
Odor threshold: Not determined.

## pH-value at 20 °C:

8.2-8.4

## Change in condition

Melting point/Melting range: 0 °C  
Boiling point/Boiling range: 100 °C

## Flash point:

Not applicable  
Not determined.

## Flammability (solid, gaseous)

Not applicable.

## Decomposition temperature:

Not determined.

## Auto igniting:

Product is not selfigniting.

## Danger of explosion:

Product does not present an explosion hazard.  
Not determined.

## Explosion limits:

Lower: Not determined.  
Upper: Not determined.

## Vapor pressure at 20 °C:

23 hPa

## Density:

Not determined

## Relative density

Not determined

## Vapor density

Not determined.

(Contd. of page 2)

(Contd. on page 4)

Page 4/7

Reviewed on 04/02/2019

Reviewed on 04/02/2019

Trade name: EveryBlot Blocking Buffer

(Contd. of page 3)

## Evaporation rate

Not determined.

## Solubility in / Miscibility with Water:

Fully miscible

## Partition coefficient (n-octanol/water): Not determined.

## Viscosity:

dynamic at 20 °C: 0.952 mPas  
kinematic: Not determined.

## Solvent content:

Water: 75-100 %

## Solids content:

1-5 %

Other information  
No further relevant information available.

## 10 Stability and reactivity

## Reactivity No further relevant information available.

## Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known

## 11 Toxicological information

## Information on toxicological effects

## Acute toxicity:

## Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritant effect.

Sensitization: No sensitizing effects known.

## Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version;  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## Carcinogenic categories

## IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

## NTP (National Toxicology Program)

None of the ingredients is listed.

## OSHA-Ca (Occupational Safety &amp; Health Administration)

None of the ingredients is listed.

(Contd. on page 5)

US



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 04/02/2019

Trade name: EveryBlot Blocking Buffer

Page 5/7

Reviewed on 04/02/2019

- Target organs: Not applicable.

(Contd. of page 4)

**12 Ecological information**

- **Toxicity**
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
  - Bioaccumulative potential: No further relevant information available.
  - Mobility in soil: No further relevant information available.
  - Additional ecological information:
  - General notes: Generally not hazardous for water.
  - Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

**13 Disposal considerations**

- Waste treatment methods
- Recommendation: Dispose of waste in accordance to applicable national, regional, or local regulations.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

**14 Transport information**

· UN-Number	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· Class	Void
· Packing group	Void
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

(Contd. on page 6)



**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 04/02/2019

Trade name: EveryBlot Blocking Buffer

Page 6/7

Reviewed on 04/02/2019

(Contd. of page 5)

**15 Regulatory information**

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - **SARA (Superfund Amendments and Reauthorization Act of 1986 - USA)**
    - **Section 302/304 (40CFR355.30 / 40CFR355.40):**  
None of the ingredients is listed.
    - **Section 313 (40CFR372.65):**  
None of the ingredients is listed.
  - **TSCA (Toxic Substances Control Act):**  
All ingredients are listed.
  - **California Proposition 65:**
    - **Chemicals known to cause cancer:**  
The product does not contain listed components.
    - **Chemicals known to cause reproductive toxicity for females:**  
None of the ingredients is listed.
    - **Chemicals known to cause reproductive toxicity for males:**  
None of the ingredients is listed.
  - **Developmental Toxicity**  
None of the ingredients is listed.
  - **Carcinogenic categories**
    - **EPA (Environmental Protection Agency)**  
None of the ingredients is listed.
    - **TLV (Threshold Limit Value established by ACGIH)**  
None of the ingredients is listed.
    - **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
None of the ingredients is listed.
  - **National regulations**
    - **Water hazard class:** Generally not hazardous for water.
    - **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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.

- **Department issuing SDS:** Environmental Health and Safety.
- **Contact:**  
Life Science Group, Environmental Health and Safety, 2000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 741-1000

Diagnostic Group, Environmental Health and Safety, 4000 Alfred Nobel Drive, Hercules, California, 94547: 1(510) 724-7000

· **Date of preparation / last revision:** 04/02/2019 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

(Contd. on page 7)

US



**Safety Data Sheet**  
acc. to OSHA HCS

Page 7/7

Printing date 04/02/2019

Reviewed on 04/02/2019

**Trade name: EveryBlot Blocking Buffer**

(Contd. of page 6)

IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
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)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety & Health  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit

\* Data compared to the previous version altered.