



# Material Safety Data Sheet

## 1. Identification of the substance/preparation and of the company/undertaking

### Product details

Trade name: **Alere PBP2a Reagent 2**

Application of the substance/ the preparation: *In vitro* diagnostic reagent. For professional use only.

### Manufacturer/Supplier:

#### Manufacturer

Alere Scarborough, Inc.  
10 Southgate Road,  
Scarborough,  
Maine 04074, USA.

Tel: + 1 207-730-5750

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Email: [ts.scr@alere.com](mailto:ts.scr@alere.com)

Further information obtainable from: [www.alere.com](http://www.alere.com)

### Information in case of emergency:

Tel: +1 207-730-5750

## 2. Hazards identification

Classification according to OSHA Hazard Communication Standard 29 CFR 1910.1200:

Irritant.

Information concerning particular hazards for human and environment:

CAUTION: May cause skin and eye irritation

## 3. Composition/information on ingredients

### Chemical characterization

#### Description:

*In vitro* diagnostic reagent. Aqueous preparation containing the hazardous components listed below.

#### Dangerous components:

Component	CAS No.	EINECS No.	Classification	Concentration
p-tert-octylphenol ethoxylate	9002-93-1	-	Xn: R22, R41	1-2%

## 4. First-aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Wash with soap and water and rinse thoroughly. Remove soiled clothing, and clean before re-use.

**After eye contact:** Rinse opened eye for several minutes under running water. Consult a doctor in case of complaint.

**After ingestion:** Wash mouth out with water. Consult a doctor in case of complaints.

## 5. Fire-fighting measures

**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.

**Special hazards caused by the substance, its products of combustion or resulting gases:**

In case of fire, the following can be released; Carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), sulphur oxides (SO<sub>x</sub>), phosphorous oxides (P<sub>x</sub>O<sub>y</sub>).

**Protective equipment:**

Wear full protective suit and self-contained respiratory protective device when extinguishing fires.

## 6. Accidental release measures

**Personal safety precautions:**

Refer to Section 8 for protective measures when handling the spillage.

**Measures for environmental protection:**

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

**Measures for cleaning/collecting:**

Absorb with liquid-binding material (paper towelling, sand, diatomite, acid binders, universal binders, sawdust)  
Collect material and dispose of as waste according to Section 13.  
Rinse off area with water.

## 7. Handling and Storage

**Information for safe handling:**

Observe the general safety regulations when handling chemicals.  
Avoid contact with eyes, skin and mucous membranes.

**Storage:**

Store in original container at 2-8°C.

**Requirements to be met by storerooms and receptacles:**

No special requirements.

## 8. Exposure controls/personal protection

**Ingredients with limit values the require monitoring in the workplace:**

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

**Additional information:**

The lists valid during the creation of this MSDS were used as a basis for this assessment.

**General protective and hygienic measures:**

Adhere to standard laboratory practices.  
Wash hands before breaks and at the end of work.

**Personal protective equipment**

**Respiratory protection:** Not required

**Protection of hands:** Disposable gloves.

**Material of gloves:** Latex/natural rubber.

**Penetration time of glove material:** Glove resistance is not critical when the product is handled according to the instructions for use.

**Eye protection:** Safety glasses.

**Body protection:** Lab coat.

## 9. Physical and chemical properties

### General information

**Form:** Liquid

**Colour:** Colorless

**Odour:** Odorless

### Change in condition

**Melting point/melting range:** Similar to water, approximately 0°C

**Boiling point/ Boiling range:** Similar to water, approximately 100°C

**Flash point:** Not applicable

**Self-igniting:** Product is not self-igniting

**Danger of explosion:** Product does not present an explosion hazard

**Vapor Pressure:** Similar to water, approximately 23 hPa

**Density at 20°C:** Similar to water, approximately 1.0 g/cm<sup>3</sup>

### Solubility/Miscibility with:

**Water:** Fully miscible

**pH value at 20°C:** 6.0

## 10. Stability and reactivity

**Stability:** The product is stable in accordance with the recommended storage conditions.

**Materials to be avoided:** strong acids, strong bases, strong oxidizers.

**Hazardous reactions:** Preparation contains sodium azide, which may react with lead to form explosive compounds.

Contact with acids may liberate trace amounts of toxic gas (hydrazoic acid). Hazardous polymerization will not occur.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11. Toxicological information

### Acute toxicity:

Quantitative data on the toxic effects of this product is not available.

### Primary effects:

**After skin contact:** May cause very mild irritation.

**After eye contact:** May cause mild irritation.

**After ingestion:** No significant harmful effects anticipated.

**Sensitization:** No sensitization effects known.

## 12. Ecological information

### Ecotoxic effects:

Quantitative data on the toxic effects of this product are not available.

No ecological problems are to be expected when the product is handled and used with due care and attention.

## 13. Disposal considerations

### Product:

Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with applicable federal, state, and local regulations. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

To avoid the possible build-up of azide compounds, flush wastepipes with water after the disposal of undiluted reagent.

### Packaging:

Disposal must be made in accordance with federal, state, and local waste management regulations.

Contaminated packaging must be disposed of in the same manner as the product.

Non-contaminated packaging materials may be recycled. Contact your local service providers for further information.



## Material Safety Data Sheet

### 14. Transport Information

**US DOT Transport Regulations:**

Not regulated for transport.

**Maritime transport IMDG:**

Not regulated for transport.

**Marine pollutant:** No

**Air transport ICAO-TI and IATA-DGR:**

Not regulated for transport.

### 15. Regulatory information

**US Hazard warnings according to 16 CFR 1600 and ANSI Standard Z129.1:**

CAUTION: May cause skin and eye irritation

**Chemical inventory listings relevant to US regulations:**

**Carcinogen listings:**

IARC: None of the ingredients is listed.

NTP: None of the ingredients is listed.

ACGIH: None of the ingredients is listed.

OSHA: None of the ingredients is listed.

EPA: None of the ingredients is listed.

**Californian Proposition 65:**

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity: None of the ingredients is listed.

**SARA**

Section 355 (extremely hazardous substances): Sodium azide (0.08%).

Section 313 (specific toxic chemical listings): Sodium azide (0.08%).

### 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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