



## DuPont™ PCR Buffer

Version 2.0

Revision Date 05/29/2009

Ref. 130000051892

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ PCR Buffer  
 MSDS Number : 130000051892  
 Manufacturer : DuPont  
 1007 Market Street  
 Wilmington, DE 19898

Product Information : 1-302-774-1000  
 Transport Emergency : CHEMTREC: 1-800-424-9300 (outside the U.S. 1-703-527-3887)

### SECTION 2. HAZARDS IDENTIFICATION

Potential Health Effects

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Concentration
Water	7732-18-5	98.96 %
2-Amino-2-(Hydroxymethyl)-1,3-Propanediol	77-86-1	0.39 %
1-Amino-2-(Hydroxymethyl)-1,3-Propanediol Hydrochloride	1185-53-1	0.29 %
Inert Ingredients		0.36 %

### SECTION 4. FIRST AID MEASURES

Skin contact : Rinse skin immediately with plenty of water for 15-20 minutes. Consult a physician if necessary.

Eye contact : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If eye irritation persists, consult a specialist.

Inhalation : Is not an expected route of exposure under normal conditions. Consult a physician if necessary.

Ingestion : Not a probable route of exposure. However, in case of accidental ingestion, call a physician.

General advice : Never give anything by mouth to an unconscious person. Have the product container or label with you when calling a poison control center or doctor, or



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going for treatment.

**SECTION 5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Firefighting Instructions : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Evacuate personnel and keep upwind of fire. If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Do not allow run-off from fire fighting to enter drains or water courses. Cool containers / tanks with water spray. Control Runoff. (on small fires) Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Review sections 5 and 7 before proceeding with clean-up. Use personal protective equipment.
- Spill Cleanup : Soak up with sawdust, sand, oil dry or other absorbent material. Dispose of in an approved container. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.
- Accidental Release Measures : Prevent material from entering sewers, waterways, or low areas. Refer to the product label for instructions. Follow applicable Federal, State/Provincial and Local laws/regulations.

**SECTION 7. HANDLING AND STORAGE**

- Handling (Personnel) : Avoid contact with skin, eyes and clothing. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material. Avoid contact with skin, eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
- Storage : Observe label precautions. Store product in original container only in a location inaccessible to children and pets.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Engineering controls : Use sufficient ventilation to keep employee exposure below recommended



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limits.

**Personal protective equipment**

Hand protection : Material: Latex gloves

Eye protection : Safety glasses

Skin and body protection : Lightweight protective clothing

Protective measures : End users of this product should follow label instructions for personal protection when using this product.

**Exposure Guidelines**

Exposure Limit Values  
None established.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : liquid

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid : Stable at normal temperatures and storage conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION**

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Further information : No data is available on the product itself.

**SECTION 12. ECOLOGICAL INFORMATION**

Additional ecological information : See product label for additional application instructions relating to environmental precautions. No data is available on the product itself.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste Disposal : In accordance with local and national regulations. Do not contaminate ponds, waterways or ditches with chemical or used container.

Container Disposal : Refer to the product label for instructions.

Environmental Hazards : Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated in transportation by DOT/IMO/IATA.



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**SECTION 15. REGULATORY INFORMATION**

- |                                |   |                                                                                                                                                                                             |
|--------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SARA 313 Regulated Chemical(s) | : | SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
| California Prop. 65            | : | Chemicals known to State of California to cause cancer, birth defects or any other harm: none known                                                                                         |

**SECTION 16. OTHER INFORMATION**

Take notice of the directions of use on the label.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Significant change from previous version is denoted with a double bar.