



Material Safety Data Sheet

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Version 1.1

1. Product and Company Information

Product Name DNA free 2X Probe qPCR Master Mix

Product Number DFP-sample, 5
Company XpressBio
P.O. Box 458
Thurmont, MD 21788
Technical Phone # 301-228-2444
Fax 301-560-6570
E-mail Address info@xpressbio.com

2. Composition/Information on Ingredients

<i>Product Name</i>	<i>CAS #</i>	<i>EC no</i>	<i>Annex I Index Number</i>
2X Probe qPCR maser mix	None	None	None
50X ROX reference dye	None	None	None

The hazards identified with this kit are those associated with the following substances.

<u>Components</u>	<u>%</u>	<u>CAS #</u>
1. Taq DNA Polymerasese	< 1%	NA
2. Glycerol	50%	56-81-5
3. Tris-HCl	< 1%	1185-53-1
4. NaCl	< 1%	7647-14-5
5. Dithiothreitol	< 1%	3483-12-3
6. EDTA	< 1%	6381-92-6
7. Tris-HCl	< 1%	1185-53-1
8. KCl	< 1%	7447-40-7
9. MgCl ₂	< 1%	7487-88-9
10.(NH ₄) ₂ SO ₄	< 1%	7783-20-2
11.Triton X-100	0.1%	9002-93-1

3. Health Hazards Data

Route(s) of Entry: Inhalation? Yes, Skin? Yes, Ingestion? Yes
Signs and Symptoms of Exposure : Not available
Medical Conditions Generally Aggravated by Exposure: Not available

4. First Aid Procedures

In case of contact with eye, immediately flush eyes with copious amount of water for at least 10 minutes. In case of contact, immediately skin with soap and copious amount of water. Assure adequate flushing of the eyes by separating the eyelids with fingers. If inhaled, remove to fresh air. If ingested, wash out mouth with water. Call a physician. Discard contaminated clothing and shoes.

5. Fire and Explosion Hazard Data

Not available

6. Accidental Release Measures

Sweep up, place in a bag and hold waste disposal.

7. Handling and Storage

STORAGE

Store at -20°C

8. Exposure Controls / Personal Protection

Respiratory Protection:	Not necessary
Ventilation:	Not necessary
Mechanical:	Not necessary
Protective Glove:	Biosafe glove
Eye Protection:	Not necessary

9. Physical / Chemical characteristics

White liquid

10. Reactivity Data

Stability: stable

Conditions to Avoid: Heat, high temperature

11. Toxicological Information

Acute Effects: Data not available

Chronic Effects: Data not available

Carcinogenicity: Data not available

RTECS#: Not listed

12. Ecological Information

Data not available

13. Disposal Consideration

Data not available

14. Transport Information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

15. Regulatory Information

Caution: Substance not yet fully tested (EU).

16. Other Information

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our 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. CellSafe Co. Inc., shall not be held liable for any damage resulting from handling or from contact with the above product.

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