

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

Product name: Quant DNA 50-2k™
Catalog number: 22031, 22032

Manufacturer:
 Expression Technologies Inc.
 10457 Roselle St., Ste. D
 San Diego, CA 92121
 Tel: 858 558-1861
 Fax: 858 558-1883

2. Composition/information on ingredients

Hazardous/Non-hazardous Components

The product contains no substances which at their given concentration, are considered to be hazardous to health.

3. Hazards identification

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Form
 Liquid

**Principle Routes of Exposure/
 Potential Health Effects**

Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available

Specific Effects

Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available

<u>Target Organ Effects</u>	No information available
------------------------------------	--------------------------

4. First-aid measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to the unconscious person. If large quantities of material are swallowed, call a physician immediately. Loosen tight cloth such as a collar, tie, or belt.
Skin Contact	Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash cloth and shoes before reuse. Get medical attention.

Eye Contact	Remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention
Aggravating Conditions	Repeated or prolonged exposure is not known to aggravate medical condition.

5. Fire-fighting measures

Extinguishing Media	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special fire-fighting procedures:	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Protection of fire-fighters	Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

Personal precautions	Splash goggles. Full suit. boots. Gloves. Suggested protective clothing may not be sufficient. Consult a specialist BEFORE handling this product.
Methods for cleaning up	Soak up with inert absorbent material

7. Handling and storage

Handling	No special handling advice required
Storage	Keep in properly labeled containers

8. Exposure controls/personal protection

Occupational exposure controls

Exposure limits

Engineering measures	Ensure adequate ventilation, especially in confined areas.
-----------------------------	--

Personal protective equipment

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment
Hand protection	Protective gloves
Eye protection	Safety glasses with side-shields
Skin & body protection	Light weight protective clothing
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	Prevent product from entering drains

9. Physical and chemical properties

General Information

Form	Liquid
-------------	--------

Important Health Safety and Environmental Information

Boiling point/range	No data available
Melting point/range	No data available
Flash point	No data available
Auto ignition temperature	No data available
Oxidizing properties	No information available
Water solubility	No information available

10. Stability and reactivity

Stability	Stable
Material to avoid	No information available
Hazardous decomposition	No information available
Product polymerization	Hazardous polymerization does not occur

11. Toxicological information

Acute toxicity

Principle Routes of Exposure/

Potential Health Effects

Eyes	No information available
Skin	No information available
Inhalation	No information available
Ingestion	No information available

Specific Effects

Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	No information available

Target Organ Effects

No information available

12. Ecological information

Ecotoxicity effects	No information available
Mobility	No information available
Biodegradation	No information available
Bioaccumulation	No information available

13. Disposal considerations

Dispose of in accordance with local regulations

14. Transportation information

IATA

Proper shipping name	Not classified as dangerous in the meaning of transportation regulations
Hazard class	No information available
Subsidiary class	No information available
Packing group	No information available
UN-No	No information available

15. Regulatory information

EU Regulations

Risk phrases This product is not classified according to the EU Regulations

U.S. Federal Regulations

SARA 313
Not regulated

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
No products were found

U.S. State Regulations

California Proposition 65
No products were found

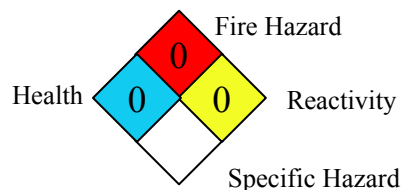
WHMIS hazard class Not controlled under WHMIS (Canada).

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

16. Other information

Hazardous Material Information System (U.S.A.)	Health	0
	Fire Hazard	0
	Reactivity	0
	Personal protection	A

National Fire Protection Association (U.S.A.)



This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, house hold, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since Expression Technologies inc. cannot control the actual methods, volume, or conditions of use, the company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMOPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End of Safety Data Sheet