

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

**Product name:** Quant DNA 50-15k™  
**Catalog number:** 22011, 22012

**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**

<b>Eyes</b>	No information available
<b>Skin</b>	No information available
<b>Inhalation</b>	No information available
<b>Ingestion</b>	No information available

**Specific Effects**

<b>Carcinogenic effects</b>	No information available
<b>Mutagenic effects</b>	No information available
<b>Reproductive toxicity</b>	No information available
<b>Sensitization</b>	No information available

<b><u>Target Organ Effects</u></b>	No information available
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**4. First-aid measures**

<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	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.
<b>Skin Contact</b>	Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash cloth and shoes before reuse. Get medical attention.

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

## 5. Fire-fighting measures

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

## 6. Accidental release measures

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

## 7. Handling and storage

<b>Handling</b>	No special handling advice required
<b>Storage</b>	Keep in properly labeled containers

## 8. Exposure controls/personal protection

### Occupational exposure controls

#### Exposure limits

<b>Engineering measures</b>	Ensure adequate ventilation, especially in confined areas.
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#### Personal protective equipment

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

## 9. Physical and chemical properties

### General Information

<b>Form</b>	Liquid
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### Important Health Safety and Environmental Information

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

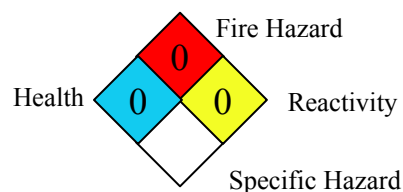
**WHMIS hazard class** Not controlled under WHMIS (Canada).

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.)



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**End of Safety Data Sheet**