

Order Number
Customer Number

1. Product and Company Identification

Supplier	Manufactured by EMD Biosciences, Inc. 441 Charmany Drive Madison, WI 53719 (608)238-6110 (800)207-0144 FAX: (608)238-1388 P.O. Box 12087 La Jolla, CA 92039-2087 (858)450-5558 (800)854-3417 FAX: (858)453-3552	Catalog #	69909
		In Case of Emergency	Call Chemtrec® (800)424-9300 (within U.S.A.) (703)527-3887 (outside U.S.A.)

Product name pET-30a(+) DNA

2. Composition and Information on Ingredients

Ingredient Name	CAS No.	Product No.	EU Symbol	R-Phrases
Induction Control G		RC0331	-	-
pET-30a(+) DNA		RC0332	-	-

Note: See section 8 for occupational exposure limits and section 11 for LC50/LD50 information.

3. Hazards Identification

Primary Hazards and Critical Effects	:	RC0331, RC0332	No specific hazard.
Physical/Chemical hazards	:		Not applicable.
Human Health Hazards	:		Not applicable.
Environmental Hazards	:		Not applicable.

4. First Aid Measures

Inhalation	:	RC0331, RC0332	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	:	RC0331, RC0332	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
Skin Contact	:	RC0331, RC0332	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Eye Contact	:	RC0331, RC0332	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Notes to Medical Doctor	:		Not available.

5. Fire-Fighting Measures

Extinguishing Media	:	Use foam or all purpose dry chemicals to extinguish.
Fire-Fighting Procedures	:	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Fire/Explosion Hazards	:	Not applicable.
Hazardous Decomposition Products	:	Not available.

6. Accidental Release Measures

Personal Precautions	:	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).
Environmental Precautions and Clean-up Methods	:	If emergency personnel are unavailable vacuum or carefully scoop up spilled materials and place in an appropriate container for disposal. Avoid creating dusty conditions and prevent wind dispersal. Minimize contact of spilled material with soils to prevent runoff to surface waterways.

Note: See section 1 for emergency contact information and section 13 for waste disposal.

7. Handling and Storage

Handling	:	RC0331, RC0332 Wash thoroughly after handling.
Storage	:	Keep container tightly closed. Keep container in a cool, well-ventilated area.
Packaging Materials	:	Use original container.

8. Exposure Controls and Personal Protection

Occupational Exposure Limits

<u>Ingredient Name</u>	<u>Occupational Exposure Limits</u>
RC0331	Not available.
RC0332	Not available.

Engineering Controls : RC0331, RC0332 No special containment is required. Local exhaust ventilation should be provided.

Personal Protective Equipment

Respiratory System	:	RC0331, RC0332 Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s).
Skin and Body	:	RC0331, RC0332 Work uniform or laboratory coat.
Hands	:	RC0331, RC0332 Use chemical resistant, impervious gloves. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits). Appropriate techniques should be used to remove potentially contaminated clothing.
Eyes	:	RC0331, RC0332 Safety glasses. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes.

9. Physical and Chemical Properties

Kit Components

69554: 1 x 0.2 ml Induction Control G (RC0331)

69909: 1 x 10 ug pET-30a(+) DNA (RC0332)

Flash Point

Not available.

10. Stability and Reactivity

Stability	:	RC0331, RC0332 The product is stable.
Conditions and Materials to Avoid	:	Not available.
Hazardous Decomposition Products	:	Not available.

11. Toxicological Information

Toxicity Data

<u>Ingredient Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
RC0331	Not available.	Not available.	Not available.	Not available.
RC0332	Not available.	Not available.	Not available.	Not available.

Routes of Entry : Not available.

Acute Effects

Inhalation	:	Not available.
Ingestion	:	Not available.

:
Skin Contact : Not available.
Eye Contact : Not available.

Chronic Effects

Adverse Effects : Not available.
Target Organs : Not available.
Carcinogenic Effects : Not available.
Mutagenic Effects : Not available.
Developmental and Teratogenic Effects : Not available.
Reproductive Effects : Not available.

Other Information : RC0331, RC0332 Repeated or prolonged exposure is not known to aggravate medical condition.

12. Ecological Information

Ecotoxicity Data

<u>Ingredient Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
RC0331	Not available.	Not available.	Not available.
RC0332	Not available.	Not available.	Not available.

13. Disposal Consideration

Waste Handling and Disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information

Air

IATA-DGR Class : Not controlled under IATA.

Packing Group

15. Regulatory Information

EU Regulations

Hazard Symbol(s) : -
Risk Phrases : This product is not classified according to the EU regulations.
Safety Phrases : Not applicable.

US Regulations

Haz-Com Standard : Not controlled under the HCS (United States).
EPA : Not available.
State : Not available.

Canadian Regulations

WHMIS : Not controlled under WHMIS (Canada).
CEPA : No products were found.
Provincial : No products were found.

16. Other Information

Validated by jcw on 9/15/2003.

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Notice to Reader

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