

1. PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT IDENTIFIERS

PRODUCT NAME : **rhAmp Genotyping Master Mix**
 SYNONYMS : **N/A**
 PRODCUT NUMBER/CODES : **Proprietary Information**
 INDEX # : **N/A**
 CAS # : **N/A**

B. DETAILS OF SUPPLIER OF THE SAFETY DATA SHEET

COMPANY :	Integrated DNA Technologies, Inc. 1710 Commercial Park Coralville, IA 52241	Integrated DNA Technologies, Inc. 6828 Nancy Ridge Drive San Diego, California 92121	Integrated DNA Technologies, BVBA Interleuvenlaan 12A B-3001 Leuven Belgium	Integrated DNA Technologies Pte. Ltd. 41 Science Park Road #01-28 The Gemini Singapore Science Park II Singapore 117610
TELEPHONE :	1-800-328-2661			
EMERGENCY PHONE # :	24 Hour Emergency Telephone: CHEMTREC: 1-800-424-9300			

Note: CHEMTREC's emergency number is to be use only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

C. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE:

For research and development purposes only.

2. HAZARD IDENTIFICATION

A. GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

I. PICTOGRAM:



II. SIGNAL WORD : **WARNING**

III. HAZARD STATEMENTS :

H302 Harmful if swallowed

IV. PRECAUTIONARY STATEMENTS:

P264 Wash skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P301+P312 If Swallowed: Call a POSION CENTER/doctor if you feel unwell
P501 Dispose of contents/container to an approved disposal facility

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS #	PERCENT	HAZARDOUS CLASSIFICATION
Water	7732-18-5	80-100%	NON-HAZARDOUS
Magnesium Chloride	7786-30-3	<0.1%	NON-HAZARDOUS
Sodium Azide	26628-22-8	<0.1%	Acute toxicity, Oral (Category 2), H300 Acute toxicity, Dermal (Category 1), H310 Specific target organ toxicity - repeated exposure, Oral (Category 2), Brain, H373 Acute aquatic toxicity (Category 1), H400 Chronic aquatic toxicity (Category 1), H410

4. **FIRST AID MEASURES**
- SKIN CONTACT: Remove contaminated clothing. Flush affected area with water and then wash with soap or mild detergent and water. Observe for signs of irritation. If irritation is present, get medical attention.
- EYE CONTACT: Wash eyes with large amounts of water or normal saline for at least 15 minutes. Observe for signs of irritation. If irritation is present, get medical attention.
- INGESTION: Get medical attention.
- INHALATION: Remove from exposure area to fresh air immediately. Get medical attention immediately.
- INJECTION: If accidentally injected, get medical attention.
- NOTE TO PHYSICIAN: There is no specific antidote. Treat symptomatically and supportively.
5. **FIRE FIGHTING MEASURES**
- Fire and Explosion Hazard: None known to exist.
- Fire Extinguishing Media: Dry chemical, foam, carbon dioxide or water.
6. **ACCIDENTAL RELEASE MEASURES**
- OCCUPATIONAL SPILL: Wear appropriate protective clothing and chemically compatible gloves. Place spillage in appropriate container for waste disposal. Wash contaminated clothing before reuse.
- REPORTABLE QUANTITY (RQ): Not Applicable
7. **HANDLING AND STORAGE**
- Observe all federal, state and local regulations. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place (prolonged storage at 4° C). Use prudent laboratory practices for handling and storage of chemical substances of unknown toxicity.
8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**
- EXPOSURE CONTROLS: Use in a laboratory hood or other ventilated device. OSHA, ACGIH, or NIOSH has not established occupational exposure limits for this substance. Use prudent laboratory practices for handling chemical substances of unknown toxicity.
- EYE PROTECTION: Employees should wear splash proof or dust resistant safety goggles to prevent eye contact with this substance.
- CLOTHING: Employees should wear appropriate protective clothing (laboratory coat with long sleeves) and equipment to prevent skin contact with this material.
- GLOVES: Employee must wear appropriate protective gloves to prevent contact with this material.
9. **PHYSICAL AND CHEMICAL PROPERTIES**
- DESCRIPTION: Colorless Solution
- PH: 8.1-8.4
- MOLECULAR WEIGHT: Varies
10. **STABILITY AND REACTIVITY**
- REACTIVITY: No adverse reactions have been reported.
- CONDITIONS TO AVOID: Prolonged Storage. Keep at 4° C.
- INCOMPATIBILITIES: Not Available
- POLYMERIZATION: Not Available

11. TOXICOLOGICAL INFORMATION

TOXICITY:	LD50 Oral-Rat >0.3g/kg LD50 Dermal- Rabbit >1.0g/kg
CARCINOGEN STATUS:	No information available.
LOCAL EFFECTS:	Skin corrosion/irritation Skin-Rabbit Results- Very slight, reversible erythema was observed. No corrosive effects were observed. (OECD Test Guideline 404)
TARGET EFFECTS:	No information available.
AT INCREASED RISK FROM EXPOSURE:	No information available.
CARCINOGEN/REPRODUCTIVE TOXIN STATUS:	
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (0-4):	No data available
ACUTE AQUATIC TOXICITY:	No data available
DEGRADABILITY:	No data available
LOG BIOCONCENTRATION FACTOR (BCF):	No data available

13. DISPOSAL CONSIDERATIONS

Observe all Federal, State and Local Regulations.

14. TRANSPORTATION INFORMATION

Ship as a non-regulated material. No transportation restrictions apply. The acute toxicity profile does not warrant shipment as a hazardous material (DOT) or a dangerous good (IATA).

15. REGULATORY INFORMATION

The toxicological properties of this material have not been investigated.

SARA 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302.

Chemical	CAS-No	Revision Date
Sodium Azide	26628-22-8	2007-07-01

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:.

Chemical	CAS-No	Revision Date
Sodium Azide	26628-22-8	2007-07-01

SARA 311/312 Hazards

Chemical	STATE	CAS-No	Revision Date
Magnesium Chloride	Pennsylvanian	7786-30-3	
Magnesium Chloride	New Jersey	7786-30-3	
Sodium Azide	Pennsylvanian	26628-22-8	2007-07-01
Sodium Azide	New Jersey	26628-22-8	2007-07-01

16. OTHER INFORMATION

POTENTIAL HEALTH EFFECTS:

SKIN CONTACT:	Short Term Exposure:	Possible Irritant
	Long Term Exposure	No information available
EYE CONTACT:	Short Term Exposure:	Possible Irritant
	Long Term Exposure	No information available
INGESTION:	Short Term Exposure:	Possible Irritant
	Long Term Exposure	No information available
INHALATION:	Short Term Exposure:	Possible Irritant
	Long Term Exposure	No information available
INJECTION:	Short Term Exposure:	No information available
	Long Term Exposure	No information available

THE AFOREMENTIONED INFORMATION IS BELIEVED TO BE CORRECT, BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. INTEGRATED DNA TECHNOLOGIES SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.