



SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product identifier: INFINITI® Reverse Transcription Mix

Catalog Number: 12-0890-00

Recommended Use: For use in Laboratories. Refer to Product Insert or Application Notes.

Manufacturer: **AutoGenomics, Inc.**
1600 Faraday Ave.
Carlsbad, CA 92008

Telephone No: 1-760-477-2248
Toll Free: 1-866-782-8639
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Section 2: HEALTH HAZARD INFORMATION

OSHA/HCS Status: This SDS should be retained and available for employees and other users of this product.

GHS- Classification

This product is not classified as hazardous according to the Globally Harmonized System (GHS)

Health hazards: Not hazardous

Physical hazards: Not hazardous

Principle Routes of Exposure

Potential Health Effects:

- Eyes: May cause eye irritation in susceptible persons
- Skin contact: May cause irritation to skin in susceptible persons
- Inhalation: May be harmful by inhalation
- Ingestion: May be harmful if swallowed

Specific Effects:

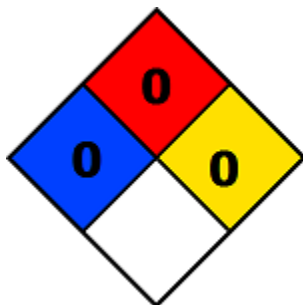
- Carcinogenic Effects: None
- Mutagenic effects: None
- Reproductive toxicity: None
- Sensitization: None
- Target Organ effects: No known effects under normal use conditions.

Other hazards: None known.



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NPFA



HMIS

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| Health | 0 |
| Flammability | 0 |
| Reactivity | 0 |

Section 3: CONPOSITION/ INFORMATION ON INGREDIENTS

Substances/ Mixtures: Mixture

| Ingredient | CAS Number | % Wt |
|--------------------|-------------------|--------------|
| Ingredient | CAS Number | % Wt. |
| Oligonucleotides | NA | Proprietary |
| dNTPs (AGI) | NA | Proprietary |
| Sodium Chloride | 20510-55-8 | <0.9% |
| Tris-HCl | 1185-53-1 | < 1.3% |
| Potassium chloride | 7447-40-7 | < 1.6% |
| Magnesium chloride | 7786-30-3 | <0.5% |

Section 4: FIRST AID MEASURES

Description of first aid measures

Eyes:

- Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention; if symptoms persist.

Skin:

- Immediately flush skin with plenty of water for at least 15 minutes.
- If irritation develops, seek medical attention.

Inhalation:

- Move to fresh air. If not breathing, administer artificial respiration; immediately get medical attention

Ingestion:

- Do **NOT** induce vomiting unless directed to do so by medical personnel
- Never give fluids or induce vomiting if a person is unconscious or convulsing

Section 5: FIRE and EXPLOSTION INFORMATION

Extinguishing media:

Use dry chemical or carbon dioxide, or foam

Special hazards arising from the substance or mixture:

Non-flammable. No information available.



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Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary. Dilute with copious amounts of water.

Special Protective Equipment or Precautions for firefighters:

No special equipment necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

Use of Personal Precaution, Protective Equipment and Emergency Procedures

Wear appropriate protective clothing or equipment.

Environmental precautions

No relevant information available.

Methods and Materials Used for Containment and Cleanup procedures

Place in a waste disposal container in compliance with national/state regulations

Section 7: HANDLING AND STORAGE

Precaution for safe handling

Always wear recommended Personal Protective Equipment. No special precautions are necessary if used correctly. Follow application notes and package insert for recommendation of handling product for usage.

Advice on General Occupational Hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled stored and processed. Follow good industrial hygiene practices and wash hands after handling.

Recommendations on the condition for safe storage, including any incompatibilities

Store in the original container according to the labeling. Material is light sensitive.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters

Exposure Limits or threshold limits: None
Prevent product from entering drains.

Engineering Controls: General protective and hygienic measures.

The usual precautionary measures for handling chemicals should be followed.

Personal Protective Equipment

Wear gloves, safety glasses and protective clothing to minimize skin and eye contact.



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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Clear liquid |
| Flammability or Explosive Limits: | Not determined |
| Odor | No odor |
| Vapor pressure | Not determined |
| Odor threshold | Not determined |
| Vapor density | Not determined |
| pH | Not determined |
| Relative density | Not determined |
| Melting point/ freezing point | Not determined |
| Solubility | Not determined |
| Initial boiling point and boiling range | Not determined |
| Flash point | Not determined |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not flammable |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature | Product is not self-igniting |
| Decomposition temperature | Not determined |
| Viscosity | Not determined |

Section 10: STABILITY AND REACTIVITY

| | |
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| Reactivity | Is not reactive. |
| Chemical Stability | The product is stable under normal conditions. |
| Possibility of Hazardous reactions | Product is not hazardous. |
| Conditions to avoid | Not determined. |
| Incompatible material | Not determined |
| Hazardous decomposition products | Hazardous decomposition or by products will not occur under normal conditions. |

Section 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: none

Information on the likely routes of exposure: Dermal contact, eye contact and ingestion.

Potential Health Effects:

| | |
|--|--|
| Eyes: | May cause eye irritation with susceptible persons |
| Skin | May cause skin irritation with susceptible persons |
| Inhalation | May be harmful by inhalation |
| Ingestion | May be harmful if swallowed |
| Carcinogenicity | There is no data available |
| Mutagenic effects | There is no data available |
| Reproductive toxicity: | There is no data available |
| Specific target organ toxicity: | There is no data available |



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Section 12: ECOLOGICAL INFORMATION

| | |
|---|---|
| Ecotoxicity | Contains no substances known to be hazardous to the environment. |
| Persistence and degradability | Soluble in water, persistence is unlikely |
| Bioaccumulative potential | No data available |
| Mobility in soil | Likely to be mobile in the environment due to its water solubility. |
| Results of PBT and vPvB assessment | No data available |
| Other adverse effects | None known. |
| Chemicals as potential carcinogens listed in | |
| NTP Report, | No data available |
| IARC | No data available |
| OSHA | No data available |

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method

- Follow federal, state and local government requirements for disposal.
- US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3.

Section 14: TRANSPORTATION INFORMATION

| | |
|---|---------------|
| UN number and proper shipping name | none |
| TDG Class: | Not regulated |
| D.O.T. | Not regulated |
| IATA | Not regulated |

Section 15: REGULATORY INFORMATION

U.S. Federal Regulations:

SARA None of the ingredients are listed

TSCA (Toxic Substances Control Act): None of the ingredients are listed.

Clean Water Act (40 CFR 122.21 and 122.42): Not applicable

Clean Air Act,,Section 112 This product does not contain Hazardous Air Pollutants

U.S. State Regulations

None of the ingredients are listed

This product does not contain any chemicals listed under California Proposition 65



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International Regulations

WHMIS Classification:

Non controlled substance.

Section 16: OTHER INFORMATION

This material is not intended for food, household, agricultural or cosmetic use. The information in this SDS is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. AutoGenomics shall not be held liable for reliance on the information provided in this SDS and/or any damage resulting from the handling or contact with the above named products.

Key Legend Information:

N/A – Not Applicable

ND – Not Determined