

1. PRODUCT AND COMPANY IDENTIFICATION

A. PRODUCT IDENTIFIERS

PRODUCT NAME : **T7 Endonuclease I**
 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**
 : **1710 Commercial Park**
 : **Coralville, IA 52241**

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

THIS PRODUCT IS CONSIDERED NON-HAZARDOUS. Per OSHA 29CFR1910.1200, Commonwealth of Australia [NOHSC: 1005, 1008(1999)], and the latest amendments to the European Union Directives 67/548/EC and 1999/45/EC, this product does not require a Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS). This product does not contain more than 1% of a component classified as hazardous and does not contain more than 0.1% of a component classified as carcinogenic. Despite the classification of certain products/components as non-hazardous, we strongly recommend using prudent laboratory practices: avoiding unnecessary contact and use of personal protective equipment, which may include gloves, eye protection, and lab coats, during the use of any laboratory reagent. IDT shall not be held liable for any damages resulting from handling or from contact with the above product.

A. GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

I. PICTOGRAM: : **N/A**
 ii. SIGNAL WORD : **N/A**
 III. HAZARD STATEMENTS : **N/A**
 IV. PRECAUTIONARY STATEMENTS: : **NOT APPLICABLE**

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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 (store at -20° 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: **Clear Liquid**
 PH: **7-8**
 MOLECULAR WEIGHT: **Not Available**
10. **STABILITY AND REACTIVITY**
 REACTIVITY: **No adverse reactions have been reported.**
 CONDITIONS TO AVOID **Incompatible materials, Ignition sources, Heat**
 INCOMPATIBILITIES: **Strong Oxidizers**
 POLYMERIZATION: **Not Available**
 HAZARDOUS DECOMPOSITION **Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon Monoxide. Carbon Dioxide (CO2)**
11. **TOXICOLOGICAL INFORMATION**
 CARCINOGEN STATUS: **No information available.**
 LOCAL EFFECTS: **May cause redness and/or irritation to eyes, respiratory tract and skin.**
 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

Not Regulated

15. REGULATORY INFORMATION

The toxicological properties of this material have not been investigated.

16. OTHER INFORMATION

OTHER HEALTH INFORMATION		
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.