

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY	
Product name	Atlas Star 1 Kb DNA Ladder EXPRESS
Catalog number	BT10701
Manufacturer/Supplier	Bioatlas Riia 181A Tartu, 51014 Estonia Phone: +372 5562 4867 Fax: +372 616 6755
Information in case of emergency	Phone: +372 5562 4867 e-mail: info@bioatlas.com

2. COMPOSITION/ INFORMATION ON INGREDIENTS
The product contains no substances which at their given concentration, are considered to be hazardous to health.

3. HAZARDS IDENTIFICATION	
Hazard description	Not applicable.
Information concerning particular hazards for human and environment	Not applicable.
Classification system	The classification is according to the latest editions of the EU-lists.

4. FIRST-AID MEASURES	
Inhalation	Move to fresh air. If breathing becomes difficult, call a physician.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Skin contact	Generally the product does not irritate the skin. Wash off with plenty of soap and water.
Eye contact	Rinse opened eye immediately with plenty of water. If irritation persists, get medical attention.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES	
Suitable extinguishing media	Dry chemical, CO ₂ , water spray or alcohol resistant foam.
Fire/Explosion hazards	Not applicable.
Protective equipment	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Protective equipment	No special measures required.
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7. HANDLING AND STORAGE

Handling	No special measures are required for safe handling of this product.
Storage	No special precautions required. Store at -20°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Personal protective equipment	
Respiratory protection	Not required.
Hand protection	Protective gloves.
Eye protection	Protective goggles.
Skin and body protection	Appropriate protective clothing.
Hygiene measures	Do not eat, drink or smoke when handling this product. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solution.
Color	Dark blue.
Odor	Odorless.
Ph value	Undetermined.
Boiling point	Undetermined.
Melting point	Undetermined.
Flash point	Not applicable.
Autoflammability	Not applicable.
Explosion hazard	Not applicable.
Vapor pressure	No information available.
Relative density	No information available.
Water solubility	Easily soluble.

10. STABILITY AND REACTIVITY

Conditions to avoid	None, if used according to specifications.
Materials to avoid	Strong oxidizing agents, acids and alkali.
Hazardous decomposition products	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Routes of exposure:	
Inhalation	Material may be irritating to mucous membranes and upper respiratory tract.
Skin contact	No irritant effect.
Eye contact	No irritant effect.
Sensitization	No sensitizing effects known.
Additional toxicological information	When used and handled according to specifications, the product does not have any harmful effects to our experience.

12. ECOLOGICAL INFORMATION

Generally not hazardous for water.

13. DISPOSAL CONSIDERATIONS

Waste handling and disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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14. TRANSPORT INFORMATION

This substance is considered to be non-hazardous for transport.

15. REGULATORY INFORMATION

Labeling according to EU guidelines	This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.
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16. OTHER INFORMATION

MSDS Creation Date: 01.09.2009/ **Revision date:** 05.05.2011

This information is believed to be accurate and represents the best information currently available to us. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Bioatlas is not held liable for any damage resulting from handling or from contact with the above mentioned products.