

Material Safety Data Sheet



1. Product and Company Identification

Product Name Express-timator™ Kit
Catalog Number R1001K
Supplier Semba Biosciences, Inc.
505 South Rosa Road, Suite 106A
Madison, Wisconsin 53719
866-634-1114 or 608-441-8009
Fax: 608-441-8329
Emergency Contact Information 866-634-1114 or 608-441-8009

2. Composition/Information on Ingredients

Ingredient	CAS-No.	%
Express-timator Standard 0 mg/ml	-	-
Express-timator Standard 0.5 mg/ml	-	-
Express-timator Standard 1.0 mg/ml	-	-
Express-timator Standard 2.0 mg/ml	-	-
Express-timator Standard 3.0 mg/ml	-	-
SDS Sample Buffer, 4X	-	-

3. Hazards Identification

Emergency Overview Caution.
Routes of Entry Dermal contact, ingestion, eye contact
Potential Acute Health Effects
Inhalation May be harmful if inhaled.
Ingestion May be harmful if swallowed.
Skin May cause skin irritation.
Eyes May cause eye irritation.
Potential Chronic Health Effects
Carcinogenicity Not available.
Mutagenicity Not available.
Teratogenicity Not available.
Developmental Effects Not available.

4. First Aid Measures

Eye Contact In case of contact, remove contact lenses if wearing. Flush eyes with copious amounts of water for at least 15 minutes. Call a physician.

Skin Contact In case of contact, wash skin thoroughly with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse.

Inhalation If inhaled, move person to fresh air. If individual is not breathing, trained personnel should provide artificial respiration. If breathing is difficult, trained personnel should give oxygen. Call a physician.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. Call a physician.

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Express-timator is a trademark of Semba Biosciences, Inc.

immediately if large quantities of the material are swallowed.

5. Fire-fighting Measures

Flammability of the Product	Product may be combustible at high temperatures.
Suitable Extinguishing Media	Use dry chemical powder in case of a small fire. For a large fire, use water spray, fog or foam.
Special Protective Equipment for Fire-fighters	Wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Personal Precautions	Use appropriate personal protective equipment as described in section 8. Avoid breathing vapors, mist or gas. Avoid skin and eye contact. Avoid ingestion.
Methods for Cleaning Up	Contain and collect spill with non-combustible, absorbent material (sand, diatomaceous earth, vermiculite) and dispose of according to federal, state and local regulations.

7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Avoid inhalation and ingestion. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Keep container tightly closed.
Storage	Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Engineering Controls	Use only with adequate ventilation. If dust, vapors or mists are generated provide local exhaust ventilation or other engineering controls to keep exposure to airborne contaminants below any recommended or statutory limits.
Hygiene Measures	Thoroughly wash hands, forearms and face after handling chemical products and before eating, smoking or using the lavatory and at the end of the working period. Appropriate techniques should be used to remove contaminated or potentially contaminated clothing. Wash contaminated clothing before reusing. Check that safety showers and eyewash stations are located near work areas.
Personal Protective Equipment	
Respiratory	If risk assessment indicates it is necessary, use a NIOSH (US) approved respiratory protective equipment. The selection of respiratory equipment must be based on anticipated exposure levels, product hazards and the safe working limits of the respirator.
Hands	Compatible chemical-resistant gloves.

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Eyes Chemical safety goggles.

Skin Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

Environmental Exposure Controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and Chemical Properties

Physical State Liquid

10. Stability and Reactivity

Storage Stability Stable

11. Toxicological Information

Toxicological properties To the best of our knowledge, the toxicological properties of this product have not been thoroughly investigated.

12. Ecological Information

Environmental Effects No information available.

13. Disposal Considerations

Product Observe all federal, state and local environmental regulations. Processing, use or contamination of this product may change the waste management options.

Contaminated Packaging Dispose of the packaging in the same manner as unused product. Observe all federal, state and local environmental regulations.

14. Transport Information

DOT: Road Transport	Not controlled.
ADR/RID: Land Transport (cross border)	Not controlled.
IATA: Air Transport	Not controlled.
IMDG: Maritime Transport	Not controlled.

15. Regulatory Information

SARA 302 Components	No components were found.
SARA 313 Components	No components were found.
SARA 311/312 Hazards	No components were found.

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Massachusetts Right to Know Components	No components were found.
Pennsylvania Right to Know Components	No components were found.
New Jersey Right to Know Components	No components were found.
California Prop. 65 Components	No components were found.

16. Other Information

The information given herein is offered in good faith as accurate, but does not claim to be all inclusive and shall be used only as a guide. All materials may pose unknown hazards and should be used with caution. Users should consider this information supplemental to other information gathered by them and must determine independently the completeness and suitability of information from all sources with regard to the correct use, storage and disposal of these materials and the safety of employees, customers and the environment. Semba Biosciences, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for research use only.

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