

Effective date: <b>13.05.2018</b>	Hy-Labs Cat. No: DD-001	<b>MSDS FORMAT</b>	<b>hylabs®</b>
Doc. No: <b>MSDS-DD-001</b>		<b>MATERIAL SAFETY DATA SHEET</b>	

1- Product and Company Identification	
<b>Product Name</b>	<b>TSBA+BLOOD/ TSBA+BLOOD</b>
<b>Reference number</b>	<b>DD-001</b>
<b>Manufacturer</b>	<b>Hy-Laboratories Ltd.</b> Park Tamar, Rehovot, 7670606, Israel Tel: 972-8-9366475 Fax: 972-8-9366474
2- Composition, Information on Ingredients	
<b>Ingredients Name</b>	<b>Cas #</b>
TSBA No.2 DIFCO	-
3- Hazard Specifications	
Classification (REGULATION (EC) No 1272/2008)	
Not classified as hazardous	
4- First Aid Measures	
<b>General advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>Skin</b>	Wash off with plenty of water. Remove contaminated clothing. Get medical attention.
<b>Eyes</b>	Rinse out with plenty of water. Immediately call in ophthalmologist.
<b>Inhalation</b>	Fresh air. Get medical attention.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Immediately make victim drink water (two glasses at most). Consult a physician.
<b>Information for doctor</b>	Show this product label or this MSDS.
5- Fire Fighting Measures	
<b>Extinguishing Media</b>	Use water spray, Carbon dioxide (CO <sub>2</sub> ), alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Protective equipment</b>	Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.
<b>Special hazards arising from the substance or mixture</b>	Carbon oxides, Hydrogen chloride gas, Sodium oxides, Lithium oxides, Sulphur oxides Fire may cause evolution of: nitrogen oxides, Hydrogen chloride gas
6- Accidental Release Measures	
<b>Person related safety precautions</b>	Advice for non-emergency personnel: Avoid substance contact. Avoid inhalation of dusts. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.
<b>Methods and materials for containment and cleaning up</b>	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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### 7- Handling and Storage

<b>Handling</b>	Work under hood. Do not inhale substance/mixture. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
<b>Storage</b>	Store at 2-8C. Keep away from heat and direct sunlight.

### 8- Exposure Controls, Personal Protection

<b>General protective and hygiene measures</b>	Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.
<b>Personal Protective Equipment</b>	<p><u>Body</u> - impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.</p> <p><u>Eyes</u> - Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p><u>Skin</u> - The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374, for example KCL 741 Dermatril® L (full contact), KCL 741 Dermatril® L (splash contact). Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.</p>

### 9- Physical and Chemical Properties

<b>Form</b>	Solid.
<b>Color</b>	Red.

### 10- Stability and Reactivity

<b>Stability</b>	The product is chemically stable under 2-8C.
<b>Incompatible materials</b>	No data available
<b>Hazardous decomposition materials</b>	No data available

### 11- Toxicological Information

<b>Primary irritant effect</b>	<p><u>Skin</u> - Generally the product does not irritate the skin. In the event of irritation, to withdraw soiled clothing, to wash the parts reached with soapy water, to rinse with large water. If skin irritation continues, consult a doctor.</p> <p><u>Eye</u> - rinse with large water.</p> <p><u>Sensitization</u> - No sensitizing effects known.</p> <p><u>Additional toxicological information</u> - This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.</p>
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### 12- Ecological Information

<b>Ecotoxicity Tests</b>	Generally not hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.
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### 13- Disposal Information

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<b>Disposal Information</b>	Dispose of as unused product.
<b>14- Transport Information</b>	
Not classified as dangerous in the meaning of transport regulations.	
<b>15- Regulatory Information</b>	
<b>Safety Phrases</b>	No data available.
<b>16- Other Information</b>	
<b>For In-Vitro use only.</b> <b>The information in this MSDS is based on current and reliable sources but does not purport to be all inclusive and shall be used only as a guide.</b>	