

Effective date: <b>27-05-2010</b>	Hy-Labs Cat. No: <u>PD-139</u>	<b>MSDS FORMAT</b> <b>MATERIAL SAFETY DATA SHEET</b>	Replace Doc: NA
Doc. No: <b>MSDS-PD-139</b>			

<b>1- Product and Company Identification</b>		
<b>Product Name</b>	<b>TSA IRRADIATED</b>	
<b>Reference number</b>	<b>PD-139</b>	
<b>Manufacturer</b>	<b>Hy-Laboratories Ltd.</b> Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474	
<b>2- Composition, Information on Ingredients</b>		
<u>Ingredients Name</u>	<u>Cas #</u>	<u>Percent</u>
Fast Green FCF	2353-45-9	0.62
Sodium Chloride	7647-14-5	12.41
<b>3- Hazard Specifications</b>		
This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by 29 CFR 1910.1200 (USA), WHMIS (Canada) and 91/155/EEC and 93/112/EC (Europe).		
<b>4- First Aid Measures</b>		
<b>Skin</b>	Immediately flush skin thoroughly with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes, Seek medical advice.	
<b>Eyes</b>	Remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at list 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Seek medical advice.	
<b>Inhalation</b>	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice immediately.	
<b>Ingestion</b>	Seek medical advice immediately. Do not induce vomiting unless directed to do so by medical personnel.	
<b>5- Fire Fighting Measures</b>		
<b>Extinguishing Media</b>	CO <sub>2</sub> , ABC multipurpose dry chemical or water spray. Fight larger fresh with water spray or alchohol resistant foam	
<b>Protective equipment</b>	No special measures required.	
<b>6- Accidental Release Measures</b>		
Person related safty precautions	Wear suitable protective clothing.	
Measures for environmental protection	Prevent dispersion of materiol. Wipe up with damp sponge or mop.	
<b>7- Handling and Storage</b>		
<b>Handling</b>	Protect against physical damage.	
<b>Storage</b>	Store at 2-25°C. Do not store together with oxidizing and acidic materials.	

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<b>8- Exposure Controls, Personal Protection</b>	
<b>Engineering controls</b>	Eyewash facility and Safety shower. Use engineering controls to keep airborne levels low.
<b>General hygiene measures</b>	Keep away from foodstuff, beverage and feed. Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling. Avoid contact with eyes and skin.
<b>Personal Protective Equipment</b>	Respiratory- Chemical fume hood, or full-face supplied air respirator. Hands- Compatible chemical resistant gloves. Eyes- Chemical safety goggles. Clothing- Wear appropriate protective clothing (Lab coat) to prevent skin exposure special protective measures- Faceshield
<b>9- Physical and Chemical Properties</b>	
<b>Physical state</b>	Solid
<b>Color</b>	Beige
<b>10- Stability and Reactivity</b>	
<b>Stability</b>	No decomposition is used according to specifications
<b>Hazardous decomposition products</b>	Carbon dioxide, Nitrogen oxides, Sulfur oxides, Sodium oxides
<b>11- Toxicological Information</b>	
<b>Acute toxicity</b>	Fast Green FCF (2353-45-9) LD50- Oral 2000 mg/kg (mouse)
<b>Primary irritant effect</b>	Irritant to eyes, skin, and mucous membranes.
<b>Sensitization</b>	No date available
<b>12- Ecological Information</b>	
<b>Ecological measures</b>	Not available Ecotoxicological effects. Avoid to disperse the products in the environment.
<b>13- Disposal Information</b>	
<b>Waste Disposal Method</b>	Dispose in accordance to all local and national regulations.
<b>14- Transport Information</b>	
Non hazardous for road, sea and air transport	
<b>15- Regulatory Information</b>	
<b>Risk Phrases</b>	R 45- May cause cancer. R 36/37/38- Irritation to eyes, respiratory system, and skin. R 68- Possible risk of irreversible effects.
<b>Safety Phrases</b>	S 7- Keep container tightly closed. S 36, 37- Wear suitable protective clothing and gloves.
<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>	