

Effective date: 27/04/25	Hy-Labs Cat. No:	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-BP-717	BP-717	MATERIAL SAFETY DATA SHEET	

1- Product and Company Identification		
Product Name	Ethidium Bromide (0.0625%)	
Reference number	BP-717	
Manufacturer	Hy-Laboratories Ltd. Park Tamar, Rehovot, 76326, Israel Tel: 972-8-9366475 Fax: 972-8-9366474	
Relevant identified uses	For research use only	
2- Composition, Information on Ingredients		
Ingredients Name	Cas #	Percent
Ethidium Bromide	1239-45-8	0.0625%
Water	7732-18-5	98.8%
Tris 0.01M	77-86-1	0.12% w/w
EDTA 1mM	60-00-4	0.037% w/v
3- Hazard Specifications		
Mixtures The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.		
4- First Aid Measures		
Skin	Wash skin thoroughly with plenty waters for at least 15 minutes. Remove contaminated clothing and shoes, Seek medical advice.	
Eyes	Wash out eye with plenty waters for at least 15 minutes. Assure equate flushing by separating the eyelids with fingers. Seek medical advice.	
Inhalation	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.	
Ingestion	Wash mouth with water. Seek medical advice immediately.	
5- Fire Fighting Measures		
Extinguishing Media	Use water spray, foam, dry chemical powder, or carbon dioxide.	
Protective equipment for firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes	
Special Risks	Emits toxic fumes under fire conditions.	
6- Accidental Release Measures		
General Information	Use proper personal protective equipment (see section 8)	
Personal Precautions	Wear appropriate protective clothing.	
Spill	Add comercial bleach, absorb with inert material and place in suitable container. Clean immediately, observing precautions (see section 8). Provide ventilation.	
7- Handling and Storage		
Handling	Avoid contact with eyes, skin and clothing, Wash thoroughly after handling. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation.	
Storage	Store at 15-25°C. Keep bottle tightly closed.	

Effective date: 27/04/25	Hy-Labs Cat. No:	MSDS FORMAT	Replace Doc: NA
Doc. No: MSDS-BP-717	BP-717	MATERIAL SAFETY DATA SHEET	

8- Exposure Controls, Personal Protection	
Engineering controls	Eyewash facility and Safety shower. Use adequate ventilation.
Personal Protective Equipment	Hands- Compatible chemical resistant gloves. Eyes- Chemical safety goggles. Clothing- Wear appropriate protective clothing to prevent skin exposure. Respirators- Follow the OSHA or CEN respirator regulation.
Engineering controls	Eyewash facility and Safety shower. Use adequate ventilation.
9- Physical and Chemical Properties	
Physical state	Liquid
Color	Clear
10- Stability and Reactivity	
Stability	Stable under recommended storage conditions. Materials to avoid: Strong oxidizing agents. Conditions to avoid: Excess heat.
Stability	Stable under recommended storage conditions. Materials to avoid: Strong oxidizing agents. Conditions to avoid: Excess heat.
11- Toxicological Information	
Acute toxicity	Skin- skin irritation, may be harmful if absorbed through the skin. Eye- eye irritation. Inhalation- irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Ingestion- May be harmful if swallowed.
Chronic exposure	Mutagen- Laboratory experiments have shown mutagenic effects.
12- Ecological Information	
Ecological measures	Cause DNA damage and mutations in mammalian somatic cells.
13- Disposal Information	
Disposal Information	Contact a licensed professional waste disposal service to dispose of this material. Dispose in accordance to all local and national regulations
14- Transport Information	
UN Number	2810
Class	6.1
15- Regulatory Information	
Risk Phrases	Very toxic. Harmful if swallowed. Irritating to eyes, respiratory system and skin. Possible risk of irreversible effects.
Safety Phrases	Wear suitable protective clothing, gloves and eye/face protection In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or if you feel unwell, seek medical advice immediately.
16- Other Information	
For In-Vitro use only. 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.	