

BBC Biochemical

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Information

Common Name:	Optic Mount II™	Code:	7730
Supplier:	BBC Biochemical	MSDS#:	7730
Synonym:	None	Validation Date:	2-24-09
Trade Name:	None	Print Date:	2-24-09
Material Uses:	Mounting coverslips over tissue sections.	Responsible Name:	Dr. B
Manufacturer:	BBC Biochemical PO Box 1320 409 Eleanor Lane Mount Vernon, WA 98273 1-800-635-4477	In Case of Emergency: 1-800-424-9300 Chemtrec USA 1-202-483-7616 Chemtrec Intrl 1-800-635-4477	

Section 2. Composition and Information on Ingredients

Name	CAS#	OSHA PEL/TWA	ACGIH TLV/CL
1) Select Buffers	Not available	None established	None established
2) Water	7732-18-5	None established	None established

Section 3. Hazards Identification

Physical State and Appearance	Clear to light yellowish liquid with an aromatic odor.
Emergency Overview	Not available.
Routes of Entry	Inhalation, eye contact, ingestion, skin contact.
Potential Acute Health Effects	<p>Eyes 400 ppm has caused irritation to humans. Repeated or prolonged exposure to high vapor concentrations can cause a burning sensation, conjunctivitis and blurred vision.</p> <p>Skin Xylene is a defatting agent and may cause a burning sensation, drying, vasodilation, erythema, and blistering.</p> <p>Inhalation Repeated or prolonged exposure to vapor concentrations may cause nausea, vomiting, abdominal pain, and anorexia. Other common complaints include headache, fatigue, lassitude, irritability, breathing difficulties, and flatulence.</p> <p>Ingestion May cause a burning sensation in the mouth, severe gastrointestinal distress, nausea and vomiting.</p>
Potential Chronic Health Effects	N/A
Medical Conditions Aggravated by Overexposure	N/A
Overexposure/Signs/Symptoms	

Section 4. First Aid Measures

Eye Contact	Immediately flush with water for at least 15 minutes.
Skin Contact	Immediately flush with large amounts of water.
Inhalation	Remove to fresh air; give artificial respiration if breathing has stopped.
Ingestion	Get medical attention. Do not induce vomiting.
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability of the Product	Not flammable.
Auto-ignition Temperature	Not available.
Flash Points	Not available.
Flammable Limits	Not available.
Products of Combustion	Not available.

Fire Hazards in Presence Of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Not available.
Fire Fighting Media and Instructions	Dry chemical, carbon dioxide, water spray, or regular foam. NOTE: Water may be ineffective (NFPA 325M)
Protective Clothing (Fire)	
Special Remarks on Fire Hazards	
Special Remarks on Explosion Hazards	

Section 6. Accidental Release Measures

Small Spill and Leak	Flush small spills with large amounts of water. Evacuate the area of all unnecessary personnel. Wear suitable protective clothing listed in section VIII. Contain the release and eliminate it's source, if this can be done without risk. Neutralize, take up and containerize for proper disposal as described under Waste Disposal Method. Comply with Federal, State, and local regulation on reporting releases.
Large Spill and Leak	Same as above.

Section 7, Handling and Storage

Handling	Do not breathe the solution mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.
Storage	Keep container closed. Store at controlled room temperature.

Section 8. Exposure Controls / Personal Protection

Engineering Controls	
Personal Protection	
Eyes	Safety glasses with side shields should be worn at all times. Eye wash and safety equipment should be available.
Body	Impervious clothing should be worn to prevent skin contact.
Respiratory	Any dust/mist respirator. If workplace exposure limit(s) of product or any component is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. Material should be handled or transferred in an approved fume hood with adequate ventilation.
Hands	Protective gloves, Neoprene or equivalent, should be worn to prevent skin contact.
Feet	Impervious footwear should be worn to prevent skin contact.
Personal Protection in Case of a Large Spill	Safety glasses with side shields, impervious clothing and footwear, protective gloves, respirator (if necessary).
Product Name	Exposure Limits
1)	
2)	
3)	
Consult Local authorities before acceptable exposure limits.	

Section 9. Physical and Chemical Properties

Physical State and Appearance	Clear liquid with sweet odor.	Odor:	Sweet
Molecular Weight	Not applicable.	Taste:	Not available.
Molecular Formula	Not applicable.	Color:	Clear.
pH (1%/Water)	Not applicable.		
Boiling/Condensation Point	Not available.		
Melting/Freezing Point	Not applicable.		
Critical Temperature	Not applicable.		
Specific Gravity	Not available.		
Vapor Pressure	Not available.		
Vapor Density	Not available.		
Volatility	Not available.		
Odor Threshold	Not applicable.		
Evaporation Rate	Not available.		
VOC	Not available.		
Viscosity	Not available.		
Ionicity (in water)	Not available.		
Dispersion Properties	Not available.		

Solubility	Not available.
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Physical Chemical Comments	Not available.
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Section 10. Stability and Reactivity

Stability and Reactivity	Stable.
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Conditions of Instability	Avoid sources of ignition.
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Incompatibility with Various Substances	Oxidizing agents, bases, acids, moisture sensitive, heat.
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Hazardous Decomposition Products	CO and CO ₂ .
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Hazardous Polymerization	None known.
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Section 11. Toxicological Information

Toxicity to Animals	LD50: Not available.
	LC50: Not available.

Chronic Effects on Humans	Not available.
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Other Toxic Effects on Humans	Not available.
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Special Remarks on Toxicity to Animals	Not available.
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Special Remarks on Chronic Effects on Humans	Not available.
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Special Remarks on Other Toxic Effects on Humans	Not available.
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Section 12. Ecological Information

Ecotoxicity	Not available.
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BODS and COD	Not available.
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Biodegradable/OEDC	Not available.
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Mobility	Not available.
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Toxicity of the Products of Biodegradation	Not available.
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Special Remarks on The Products of Biodegradation	Not available.
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Section 13. Disposal Considerations

Waste Information	Not available.
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Waste Stream	Not available.
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Consult your local or regional authorities.

Section 14. Transport Information

DOT Classification	Not hazardous.
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Marine Pollutant	Not available.
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Hazardous Substances Reportable Quantity	Not available.
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Special Provisions for Transport	Not applicable.
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TDG Classification	Not controlled under TDG (Canada).
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ADR/RID Classification	Not controlled under ADR (Europe).
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IMO/IMDG Classification	Not controlled under IMDG.
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ICAO/IATA Classification	Not controlled under IATA.
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Section 15. Other Information

Label requirements	
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Hazardous Material Information System (U.S.A.)	Health	1	National Fire Protection Association (U.S.A.)	
	Fire Hazard	0		
	Reactivity	0		
	Personal Protection			
References				
Other Special Considerations				
Notice to Reader				
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