



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. BB 125
Effective Date January 27, 1999

SECTION V HEALTH HAZARD DATA

BB 125

Threshold Limited Value

None established. (ACGIH 1992-93). No toxicity data available.

Effects of Overexposure

According to Merck Index, Eighth Ed. dyes of this class generally have low toxicity. Specific data is not available. To the best of our knowledge this materials combined chemical, physical and toxicological properties have not been thoroughly investigated. **EYES:** No specific hazard known, although any chemical that contacts the eye may cause irritation. **SKIN:** Low hazard for usual laboratory handling.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink, induce vomiting and call physician. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms develop or persist.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Protect from light, excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizing materials.
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Hazardous Decomposition Products	Combustion will produce carbon dioxide and probably carbon monoxide. Oxides of nitrogen and hydrogen chloride gas may also be present.
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Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Wearing suitable protective clothing, avoid making dust, sweep material onto paper. Place in a suitable container for disposal by incineration. Wash spill area well with soap and water.
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Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
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Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask.		
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Ventilation	Local Exhaust	Not needed.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, lab coat, apron, eye wash station, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from oxidizing materials and protect from light. Wash thoroughly after handling.
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Keep container tightly closed when not in use.

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Do not get in eyes, on skin, on clothing. Avoid breathing dust. Strong dye.

* There is insufficient data in the published literature to assign complete laboratory protective equipment for this product. Special precautions must be used in storage, use and handling. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 4	Date 1/27/99	Approved Michael Raszeja	Chemical Safety Coordinator	MR
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The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	BISMARCK BROWN Y, C.I. No. 21000	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 3 4
Chemical Synonyms	Basic Brown #1, Biological Stain	
Formula	C ₁₈ H ₂₀ Cl ₂ N ₈	
Unit Size	10, 25 grams	
C.A.S. No.	10114-58-6	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Bismarck Brown Y, Biological Stain	100%	None established.

WARNING! MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION.

MAY CAUSE SKIN AND EYE IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not listed.	Specific Gravity (H ₂ O = 1)	Greater than 1.
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Non-volatile (NA).
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate ()	Non-volatile (NA).
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Very soluble in water.		
Appearance & Odor	Blackish-brown powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media	Water spray; carbon dioxide (CO ₂); dry chemical (ABC).
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SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products of oxides of nitrogen (NO_x); can react with strong oxidizing materials.

D.O.T.	NON-REGULATED.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20