

BBC Biochemical

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Information

Common Name: BoMar•Anti Coag™	Code: 5160
Supplier: BBC Biochemical	MSDS#: 5160
Synonym: None	Validation Date: 2-19-09
Trade Name: BoMar•Anti Coag™	Print Date: 2-19-09
Material Uses: Stains	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#	% by Weight	Exposure Limits
1) Water	7732-18-5	Percent composition withheld as a trade secret.	Data no available.
2) Sodium Citrate	6132-04-3		

Section 3. Hazards Identification

Physical State and Appearance	Colorless liquid, sharp pungent odor.
Emergency Overview	Not available.
Routes of Entry	Eye contact, inhalation, ingestion, skin contact.
Potential Acute Health Effects	
Eyes	May cause irritation with redness, pain, and possibly corneal damage.
Skin	May cause irritation with redness and pain.
Inhalation	May cause irritation of the mucous membranes with sore throat and coughing.
Ingestion	Irritant to the gastrointestinal system.
Potential Chronic Health Effects	
Medical Conditions Aggravated by Overexposure/Overexposure/Signs/Symptoms	Corneal disease, glaucoma, or chronic respiratory diseases.

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes thoroughly with water for at least 15 minutes.
Skin Contact	Wash thoroughly with water.
Inhalation	Remove to fresh air, give artificial respiration if breathing has stopped.
Ingestion	Get immediate medical attention; if conscious, give water freely. Do not induce vomiting.
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability of the Product	Not available.
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	None indicated.
Explosion Hazards in Presence of Various Substances	None indicated.
Fire Fighting Media and Instructions	Wear self-contained breathing apparatus.

Protective Clothing (Fire)**Special Remarks on Fire****Hazards****Special Remarks on****Explosion Hazards****Section 6. Accidental Release Measures**

Small Spill and Leak Evacuate the area of all unnecessary personnel. Wear suitable protective equipment listed under section VIII. Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate its source, if this can be done without risk. Take up and containerize for proper disposal as described under Waste Disposal Method. Comply with Federal, State, and local regulations on reporting releases.

Large Spill and Leak Same as above.

Section 7, Handling and Storage

Handling Avoid prolonged, or repeated skin contact. Do not get in eyes. Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be available.

Storage Keep container closed.

Section 8. Exposure Controls / Personal Protection**Engineering Controls****Personal Protection**

Eyes Safety glasses with side shields should be worn at all times.

Body Impervious clothing should be worn to prevent skin contact.

Respiratory Any dust or mist respirator. If workplace exposure limit(s) of product or any component is exceeded, a NIOSH/MSHA approved air respirator is advised in absence of proper environmental control. Material should be handled or transferred in an approved fume hood or with adequate ventilation.

Hands Rubber or equivalent gloves should be worn to prevent skin contact.

Feet Data not available.

Personal Protection in

Case of a Large Spill Impervious clothing, rubber or equivalent gloves, safety glasses with side shields and respirator.

Product Name Exposure Limits

1) Data not available.

2)

3)

Consult Local authorities before acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Colorless liquid.	Odor:	Pungent.
Molecular Weight	Not applicable.	Taste:	Not available.
Molecular Formula	Not applicable.	Color:	Colorless.
pH (1%/Water)	Not applicable.		
Boiling/Condensation Point	100C.		
Melting/Freezing Point	Not applicable.		
Critical Temperature	Not applicable.		
Specific Gravity	Not applicable.		
Vapor Pressure	Not applicable.		
Vapor Density	Not applicable.		
Volatility	Not applicable.		
Odor Threshold	Not applicable.		
Evaporation Rate	Not applicable.		
VOC	Not available.		
Viscosity	Not available.		
Ionicity (in water)	Not available.		
Dispersion Properties	Not available.		
Solubility	Soluble in water.		
Physical Chemical Comments	Not available.		

Section 10. Stability and Reactivity

Stability and Reactivity Stable.

Conditions of Instability	None.
Incompatibility with Various Substances	Acids, corrosive to metals and alloys.
Hazardous Decomposition Products	Corrosive vapors of ammonia and toxic oxides or nitrogen.
Hazardous Polymerization	Does not occur.

Section 11. Toxicological Information

Toxicity to Animals	LD50: Not available. LC50: Not available.
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Chronic Effects on Humans

Other Toxic Effects on Humans

Special Remarks on Toxicity to Animals Not available.

Special Remarks on Chronic Effects on Humans Not available.

Special Remarks on Other Toxic Effects on Humans Not available.

Section 12. Ecological Information

Ecotoxicity Not available.

BODS and COD Not available.

Biodegradable/OEDC Not available.

Mobility Not available.

Toxicity of the Products of Biodegradation Not available.

Special Remarks on The Products of Biodegradation Not available.

Section 13. Disposal Considerations

Waste Information Not available.

Waste Stream Not available.

Consult your local or regional authorities. Always contact a permitted waste disposer (TSD) to assure compliance with all current local, state and federal regulations.

Section 14. Transport Information

DOT Classification Not hazardous

Marine Pollutant Not available.

Hazardous Substances Reportable Quantity Not available.

Special Provisions for Transport Not applicable.

TDG Classification Not controlled under TDG (Canada).

ADR/RID Classification Not controlled under ADR (Europe).

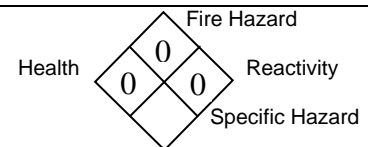
IMO/IMDG Classification Not controlled under IMDG.

ICAO/IATA Classification Not controlled under IATA.

Section 15. Other Information

Label requirements

Hazardous Material Information System (U.S.A.)	Health	0	National Fire Protection Association (U.S.A.)
	Fire Hazard	0	
	Reactivity	0	
	Personal Protection		



References

Other Special Considerations

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.