

BBC Biochemical

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Information

Common Name: Cyto•Clot™	Code: 2251
Supplier: BBC Biochemical	MSDS#: 2251
Synonym: Cyto•Clot™	Validation Date: 12-11-09
Trade Name: Cyto•Clot™	Print Date: 12-11-09
Material Uses:	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	> 60%	
2) Non-Human Protein	N/A	< 40%	
3) Sodium Azide	26628-22-8	< .5%	

Section 3. Hazards Identification

Physical State and Appearance	Pale Yellow Liquid
Emergency Overview	Not available.
Routes of Entry	Skin or Eye Contact, Inhalation, Ingestion
Potential Acute Health Effects	
Eyes	Mild eye irritation
Skin	Prolonged contact can cause irritation
Inhalation	Unknown
Ingestion	If swallowed in large quantity, headaches, nausea.
Potential Chronic Health Effects	
Medical Conditions Aggravated by Overexposure/Overexposure/Signs/Symptoms	

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with water for at least 15 minutes. If irritation continues, seek medical advice.
Skin Contact	Immediately remove contaminated clothing, launder before using again. Flush area with copious amounts of water for at least 15 minutes.
Inhalation	Remove to fresh air. If irritation occurs seek medical advice.
Ingestion	If conscious, drink as directed by medical personnel. Never give anything by mouth to an unconscious person. Only induce vomiting if directed by medical personnel.
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	Not available.

Presence of Various Substances

Fire Fighting Media and Instructions Dry chemical, Carbon Dioxide, "Alcohol" foam. Use water spray to cool fire-exposed containers and disperse vapors.

Protective Clothing (Fire) Wear self-contained breathing apparatus and protective clothing.

Special Remarks on Fire Hazards**Special Remarks on Explosion Hazards****Section 6. Accidental Release Measures**

Small Spill and Leak Evacuate area of all unnecessary personnel. Provide ventilation. Contain spill. Wear suitable protective equipment against inhalation and liquid contact. Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards.

Large Spill and Leak Same as above.

Section 7, Handling and Storage

Handling Do not breathe vapors. Do not get in eyes. Avoid skin contact. Wash thoroughly after handling. Do not take internally. Have eye wash and safety equipment readily available.

Storage Store in refrigerator, 4-8 degrees Celsius.

Section 8. Exposure Controls / Personal Protection

Engineering Controls Local exhaust preferred. Eye and Safety Wash nearby.

Personal Protection

Eyes Chemical safety glasses

Body Protective clothing

Respiratory Local exhaust preferred

Hands Neoprene, nitrile or equivalent gloves.

Feet Impervious footwear to minimize skin contact.

Personal Protection in Case of a Large Spill Chemical safety goggles, impervious clothing and footwear, air-supplied mask or air filtering respirator, Neoprene or Nitrile gloves.

Product Name Exposure Limits

- 1)
- 2)
- 3)

Consult Local authorities before acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance Not applicable. **Odor:** Not available.

Molecular Weight Not applicable. **Taste:** Not available.

Molecular Formula Not applicable. **Color:** Not available.

pH (1%/Water) Not applicable.

Boiling/Condensation Point Not applicable.

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 Not available.

Physical Chemical Comments Not available.

Section 10. Stability and Reactivity

Stability and Reactivity Not available.

Conditions of Instability Not available.

Incompatibility with Various Substances Not available.

Hazardous Decomposition Products Not available.

Hazardous Polymerization Not available.

Section 11. Toxicological Information

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

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.

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.

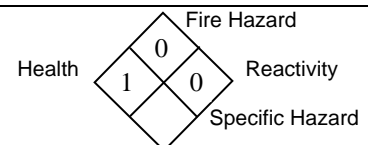
Section 15. Other Information

Label requirements

Hazardous Material Information System (U.S.A.)

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	0

National Fire Protection Association (U.S.A.)



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.