

Material Safety Data Sheet

Product Code: RU83097VI, RU83098VI
Revision date: February 1, 2011
Emergency telephone number:
Center for Disease Control: (404) 633-5313

1. IDENTIFICATION OF SUPPLIER / SUBSTANCE

Cliniqa Corporation (800) 728-5205
288 Distribution Street (760) 744-1900
San Marcos, CA
92078
USA

Catalog Number: RU83097VI, RU83098VI
Product Name: Control Serum Level 1 and 2

Synonyms: Lyophilized General Chemistry Controls

2. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Lyophilized material
Physical State: Dry cake or powder
Color: Yellow to white
Odor: None
Flash Point: Not applicable
Auto igniting: Product is not self-igniting.

3. HAZARDS IDENTIFICATION

General Hazard Information: May cause sensitization by skin contact.

Indication of Danger: Not Applicable
Xi - Irritant



Most Important Hazards:



Risk Phases:

Safety Notice:

Contains human blood derivatives. No known test method can offer complete assurance that products derived from human blood will not transmit infectious agents. Consider all blood derivatives potentially infectious.

NFPA Rating:
(Scale 0-4)

Health = 0
Fire = 0
Reactivity = 0

Physical/Health Effects:

Potential infectious agent. May be harmful if exposed by inhalation, ingestion, or skin absorption. May cause irritation.

Principle routes of exposure:

Oral:	Unknown on product.
Eye contact:	May cause eye/skin irritation.
Skin contact:	May cause eye/skin irritation.
Ingestion:	Unknown on product.
Inhalation:	No effects expected. Unknown

Carcinogenicity Rating:

Component(s)	CAS Number	NTP:	IARC:	California Proposition 65 List
Chloramphenicol	56-75-7	R	2A	Listed
Streptomycin Sulfate	3810-74-0	Not Listed	Not Rated	Listed

Signs and Symptoms:

None known

Medical Conditions

Aggravated by Exposure:

None known

4. COMPOSITION / COMPONENT INFORMATION

Components	CAS Number	Weight %	(TWA-8 hr)	(STEL):	(Ceiling Limit Value):	PBOEL
Human Source Material	N/A	60 – 90 %	NA	NA	NA	NA



Exposure Limits: None known

5. FIRST AID MEASURES

Eye Contact: Rinse immediately with plenty of water for several minutes and seek medical attention.

Ingestion: Seek medical attention immediately and show the label.

Inhalation: Supply fresh air immediately. Seek medical attention if breathing difficulty occurs.

Skin Contact: Seek medical attention if symptoms of skin irritation appear

Protection of First-Aid Providers Wear suitable gloves and eye/face protection.

6. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use an extinguishing media suitable for the surrounding fire.

Extinguishing media which must not be used for safety reasons: None

Special Protective Equipment for Firefighters: Self-contained breathing apparatus and protective suit.

Specific Hazards: None

Hazardous Combustion Products: None

Explosion Limits:

Lower: None

Upper: None

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Handle as potentially infectious.

Environmental Precautions: Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. Dilute with plenty of water.



Methods for Clean Up:

Wipe up with adsorbent material. Place in suitable container for prompt disposal. Label the container as to the potential infectious hazard. Spill areas can be decontaminated with 0.5% sodium hypochlorite, e.g., a fresh 1:10 dilution of common household bleach

8. HANDLING AND STORAGE

Handling

Technical Measures/Precautions:

Wear protective safety glasses, gloves and clothing. Wear disposable gloves while handling reagent. Thoroughly wash hands afterwards.

Storage

Technical Measures/Storage Conditions:

Store according to Certificate of Analysis

Incompatible Products:

None Known

9. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:

None known

Engineering controls:

Ensure Adequate Ventilation

Personal Protective Equipment:

Eye Protection:

Wear Safety Glasses

Hand Protection:

Wear Disposable Gloves. Thoroughly wash hands.

Skin and Body Protection

Wear Suitable Protective Clothing, Gloves and Eye/Face Protection.

Respiratory Protection:

None Required

Other General Precautions:

None Required

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under recommended storage conditions.

Hazardous Polymerization:

Does not occur.

Hazardous Decomposition Products:

None known.

Materials to Avoid:

No data available.

Conditions to Avoid:

Keep away from heat and source of ignition.

11. TOXICOLOGICAL INFORMATION

Acute effects

Oral:

No data available.

Eye irritation:

Contact with eyes may cause irritation.

Skin irritation:

May cause sensitization by skin contact.

Inhalation:

No data available.

Chronic effects

Oral:

No data available.

Inhalation:

No data available.

Dermal:

No data available.

12. ECOLOGICAL INFORMATION

Eco-Toxicity Effects:	This product has no known ecologically toxic effects.
Aquatic Toxicity Effects:	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Mobility:	No data available.
Persistence/degradability:	No data available.
Bioaccumulation:	No data available.
Degradation:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste from Residual/Unused Products:	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.
Contaminated Packaging:	Waste disposal must be in accordance with appropriate US, Federal, State and International regulations.
Methods for Clean Up:	Wipe up with adsorbent material. Place in suitable container for prompt disposal. Label the container as to the potential infectious hazard. Spill areas can be decontaminated with 0.5% sodium hypochlorite, e.g., a fresh 1:10 dilution of common household bleach.

14. TRANSPORT INFORMATION

Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

15. REGULATORY INFORMATION

Indication of Danger:	Xi- Irritant
Contains:	Not Applicable



R-Phrases



S- Phrases

- S37- Wear suitable gloves
- S24 –Avoid contact with skin

SARA (311,312) Hazard Class

Immediate Health: None.
Delayed Health: None.
Fire: None.
Sudden Release of Pressure Hazard: None.
Reactivity: None.

TSCA inventory List: Listed under TSCA: **Not Listed**

WHMIS

WHMIS Trade Secret: None.
WHMIS Hazard Class: Not listed

Canada DSL Inventory List: Listed on DSL: **Not Listed**

Notes:

1. SARA= Superfund Amendments and the Reauthorization Act.
2. CERCLA= Comprehensive Environmental Response, Compensations and Liability Act.
3. FIFRA= Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA= Toxic Substance Control Act.
5. WHMIS=Canadian Workplace Hazardous Material Information System.
6. This product has been classified in accordance with the hazards criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s): 1, 6, 8, 9, 15,16.

Additional Advice: None

Literary Reference: None

MSDS Formats: North American Format- U.S. and Canada
This Material Safety Data Sheet was prepared in accordance with OSHA 29 CFR 1910.1200.

European Format
This material Data Sheet was prepared in accordance with 93/112/EEC.

Test of R Phrases



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