



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name EZ Complement Cells-CH50 Test
Catalog Number(s) 789-001
Recommended Use For the determination of total complement activity (CH50) in human serum.
Company Information Erba Diagnostics
14100 NW 57th Court
Miami Lakes, FL 33014
Telephone: 305-418-2320

2. HAZARD(S) IDENTIFICATION

Route of Entry/Exposure Skin Contact Eye Contact Inhalation Ingestion

Effects of acute exposure Skin Contact: May cause irritation
Eye Contact: May cause irritation
Inhalation: May cause irritation
Ingestion: May be fatal if swallowed.

Effects of chronic exposure None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Weight %
Gelatin	9000-70-8	0.05%
Barbital	57-44-3	0.03%
Sodium Barbital	144-02-5	0.02%
Sodium Chloride	7447-40-7	0.4%
Dextrose	50-99-7	2.5%
Sodium Azide	26628-22-8	0.02%
Calcium Chloride-Dihydrate	10035-04-8	0.002%
Magnesium Chloride Hexahydrate	7791-18-6	0.01%
Isotonic Saline Solution	8028-77-1	0.14%
Sheep Blood	N/A	1.7%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. It does NOT contain hazardous material(s) in excess of these amounts.

All donors have been tested and found nonreactive for HBsAg, HIV-1, HIV-2, and HCV. However, assure total freedom from these or other pathological agents. Normal laboratory precautions for hand serum should be exercised.

4. FIRST AID MEASURES

Eye Contact Flush eyes thoroughly with water. If irritation occurs, seek medical attention.
Skin Contact Wash affected area with water for at least 15 minutes
Inhalation Move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately.
Ingestion Seek medical attention if swallowed.

5. FIRE-FIGHTING MEASURES

Flammable No
Flash point N/A
Extinguishing media Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water spray to cool fire-exposed containers.
Auto-ignition temperature N/A
Upper/Lower flammable limit N/A
Hazardous combustion products None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Protect eyes and mucous membranes from contact. Use good laboratory practice.
Environmental Precautions	Contain spill to prevent contamination of surrounding areas.
Leak and spill procedure	Treat spill material with a 1:10 bleach/water solution. Dispose through a sanitary sewer, or use absorbent material and dispose as hazardous waste.

7. HANDLING AND STORAGE

Handling	Handle as if capable transmitting infectious agents
Storage	Store at 2 to 8°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment	
Eye/Face Protection	Safety goggles, glasses, or face shield recommended.
Skin Protection	Latex or equivalent gloves recommended
Respiratory Protection	Under normal use conditions, no respiratory protection is required.
Engineering Measures	Use in well ventilated areas.
Exposure Guidelines	Avoid long or repeated exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Lyophilized powder
Appearance	Powder
Odor	No data available
Odor Threshold	No data available
pH	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	No data available
Evaporation Rate	No data available
Melting Point	No data available
Boiling Point	No data available
Solubility in Water	Complete

10. STABILITY AND REACTIVITY

Stability	Stable at normal temperatures and pressures.
Hazardous Polymerization	None known
Incompatible Materials	None known
Hazardous Decomposition Products	None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Irritation	No data available
Synergistic Products:	No data available
LD50: MOPSO:	No data available
Chronic Toxicity	
Carcinogenicity	Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, OSHA
Sensitization to Product:	No data available
Mutagenic Effects	No data available
Reproductive/Developmental/Teratogenic Effects	No data available
Other Adverse Effects	None known



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12. ECOLOGICAL INFORMATION

Ecotoxicity No data available

13. DISPOSAL INFORMATION

Waste Disposal Methods Dispose according to all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT
TDG
IATA
IMDG/IMO

Transportation of this product not regulated according to the definition of hazardous in 49CFR (US DOT). Transportation of this product is also not regulated by IATA, ICAO, Canadian TDG, or European ADR

15. REGULATORY INFORMATION

TSCA N/A
SARA 313
SARA 311/312 Hazardous Category No
 Acute Health Hazard No
 Chronic Health Hazard No
 Fire Hazard No
 Sudden Release of Pressure No
 Reactive Hazard No
Clean Water Act N/A
Clean Air Act N/A
OSHA N/A
CERCLA N/A
California Proposition 65 No
European Regulation 1272/2008 CE N/A
European Regulation 1907/2006 CE and 453/2010 N/A

16. OTHER INFORMATION

Prepared For: Erba Diagnostics' Quality Assurance
Revision Date 09/24/15

Disclaimer:

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SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name EZ Complement Reference Serum
Catalog Number(s) 789-006
Recommended Use For the determination of total complement activity (CH50) in human serum.
Company Information Erba Diagnostics
14100 NW 57th Court
Miami Lakes, FL 33014
Telephone: 305-418-2320

2. HAZARD(S) IDENTIFICATION

Route of Entry/Exposure Skin Contact Eye Contact Inhalation Ingestion

Effects of acute exposure Skin Contact: May cause irritation
Eye Contact: May cause irritation
Inhalation: May cause irritation
Ingestion: May be fatal if swallowed.

Effects of chronic exposure None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Weight %
Human Serum	N/A	100%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. It does NOT contain hazardous material(s) in excess of these amounts.

All donors have been tested and found nonreactive for HBsAg, HIV-1, HIV-2, and HCV. However, assure total freedom from these or other pathological agents. Normal laboratory precautions for hand serum should be exercised.

4. FIRST AID MEASURES

Eye Contact Flush eyes thoroughly with water. If irritation occurs, seek medical attention.
Skin Contact Wash affected area with water for at least 15 minutes
Inhalation Move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately.
Ingestion Seek medical attention if swallowed.

5. FIRE-FIGHTING MEASURES

Flammable No
Flash point N/A
Extinguishing media Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water spray to cool fire-exposed containers.
Auto-ignition temperature N/A
Upper/Lower flammable limit N/A
Hazardous combustion products None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Protect eyes and mucous membranes from contact. Use good laboratory practice.
Environmental Precautions	Contain spill to prevent contamination of surrounding areas.
Leak and spill procedure	Treat spill material with a 1:10 bleach/water solution. Dispose through a sanitary sewer, or use absorbent material and dispose as hazardous waste.

7. HANDLING AND STORAGE

Handling	Handle as if capable transmitting infectious agents
Storage	Store at 2 to 8°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment	
Eye/Face Protection	Safety goggles, glasses, or face shield recommended.
Skin Protection	Latex or equivalent gloves recommended
Respiratory Protection	Under normal use conditions, no respiratory protection is required.
Engineering Measures	Use in well ventilated areas.
Exposure Guidelines	Avoid long or repeated exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Lyophilized
Appearance	White to off-white powder
Odor	No data available
Odor Threshold	No data available
pH	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	No data available
Evaporation Rate	No data available
Melting Point	No data available
Boiling Point	No data available
Solubility in Water	Complete

10. STABILITY AND REACTIVITY

Stability	Stable at normal temperatures and pressures.
Hazardous Polymerization	None known
Incompatible Materials	None known
Hazardous Decomposition Products	None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Irritation	No data available
Synergistic Products:	No data available
LD50: MOPSO:	No data available
Chronic Toxicity	
Carcinogenicity	Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, OSHA
Sensitization to Product:	No data available
Mutagenic Effects	No data available
Reproductive/Developmental/Teratogenic Effects	No data available
Other Adverse Effects	None known



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12. ECOLOGICAL INFORMATION

Ecotoxicity No data available

13. DISPOSAL INFORMATION

Waste Disposal Methods Dispose according to all local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT
TDG
IATA
IMDG/IMO
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15. REGULATORY INFORMATION

TSCA N/A
SARA 313
SARA 311/312 Hazardous Category No
 Acute Health Hazard No
 Chronic Health Hazard No
 Fire Hazard No
 Sudden Release of Pressure No
 Reactive Hazard No
Clean Water Act N/A
Clean Air Act N/A
OSHA N/A
CERCLA N/A
California Proposition 65 No
European Regulation 1272/2008 CE N/A
European Regulation 1907/2006 CE and 453/2010 N/A

16. OTHER INFORMATION

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Revision Date 09/24/15

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Telephone: 305-418-2320

2. HAZARD(S) IDENTIFICATION

Route of Entry/Exposure Skin Contact Eye Contact Inhalation Ingestion

Effects of acute exposure
Skin Contact: May cause irritation
Eye Contact: May cause irritation
Inhalation: May cause irritation
Ingestion: May be fatal if swallowed.

Effects of chronic exposure None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Weight %
Human Serum	N/A	100%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. It does NOT contain hazardous material(s) in excess of these amounts.

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4. FIRST AID MEASURES

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Skin Contact Wash affected area with water for at least 15 minutes
Inhalation Move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately.
Ingestion Seek medical attention if swallowed.

5. FIRE-FIGHTING MEASURES

Flammable No
Flash point N/A
Extinguishing media Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water spray to cool fire-exposed containers.
Auto-ignition temperature N/A
Upper/Lower flammable limit N/A
Hazardous combustion products None



SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Protect eyes and mucous membranes from contact. Use good laboratory practice.
Environmental Precautions	Contain spill to prevent contamination of surrounding areas.
Leak and spill procedure	Treat spill material with a 1:10 bleach/water solution. Dispose through a sanitary sewer, or use absorbent material and dispose as hazardous waste.

7. HANDLING AND STORAGE

Handling	Handle as if capable transmitting infectious agents
Storage	Store at 2 to 8°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment	
Eye/Face Protection	Safety goggles, glasses, or face shield recommended.
Skin Protection	Latex or equivalent gloves recommended
Respiratory Protection	Under normal use conditions, no respiratory protection is required.
Engineering Measures	Use in well ventilated areas.
Exposure Guidelines	Avoid long or repeated exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Lyophilized
Appearance	White to off-white powder
Odor	No data available
Odor Threshold	No data available
pH	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	No data available
Evaporation Rate	No data available
Melting Point	No data available
Boiling Point	No data available
Solubility in Water	Complete

10. STABILITY AND REACTIVITY

Stability	Stable at normal temperatures and pressures.
Hazardous Polymerization	None known
Incompatible Materials	None known
Hazardous Decomposition Products	None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Irritation	No data available
Synergistic Products:	No data available
LD50: MOPSO:	No data available
Chronic Toxicity	
Carcinogenicity	Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, OSHA
Sensitization to Product:	No data available
Mutagenic Effects	No data available
Reproductive/Developmental/Teratogenic Effects	No data available
Other Adverse Effects	None known



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12. ECOLOGICAL INFORMATION

Ecotoxicity No data available

13. DISPOSAL INFORMATION

Waste Disposal Methods Dispose according to all local, state and federal regulations.

14. TRANSPORT INFORMATION

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15. REGULATORY INFORMATION

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SARA 313
SARA 311/312 Hazardous Category No
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Clean Water Act N/A
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OSHA N/A
CERCLA N/A
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5. FIRE-FIGHTING MEASURES

Flammable No
Flash point N/A
Extinguishing media Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water spray to cool fire-exposed containers.
Auto-ignition temperature N/A
Upper/Lower flammable limit N/A
Hazardous combustion products None

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Respiratory Protection	Under normal use conditions, no respiratory protection is required.
Engineering Measures	Use in well ventilated areas.
Exposure Guidelines	Avoid long or repeated exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Lyophilized
Appearance	White to off-white powder
Odor	No data available
Odor Threshold	No data available
pH	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	No data available
Evaporation Rate	No data available
Melting Point	No data available
Boiling Point	No data available
Solubility in Water	Complete

10. STABILITY AND REACTIVITY

Stability	Stable at normal temperatures and pressures.
Hazardous Polymerization	None known
Incompatible Materials	None known
Hazardous Decomposition Products	None known

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Irritation	No data available
Synergistic Products:	No data available
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Carcinogenicity	Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, OSHA
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Other Adverse Effects	None known



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12. ECOLOGICAL INFORMATION

Ecotoxicity No data available

13. DISPOSAL INFORMATION

Waste Disposal Methods Dispose according to all local, state and federal regulations.

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DOT
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15. REGULATORY INFORMATION

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SARA 313

SARA 311/312 Hazardous Category No

Acute Health Hazard No

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure No

Reactive Hazard No

Clean Water Act N/A

Clean Air Act N/A

OSHA N/A

CERCLA N/A

California Proposition 65 No

European Regulation 1272/2008 CE N/A

European Regulation 1907/2006 CE and 453/2010 N/A

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