

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name EX-TROL Plus (Low, Normal and High)
Catalog Number(s) EXA-3-L+, EXA-3N+, EXA-3H+
Recommended Use Whole Hematology Controls
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 blood	N/A	> 99%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is considered hazardous if it contains 1.0% or more of a hazardous compound or 0.1 % or more of a carcinogen. The product 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, no test can assure total freedom from these or other pathological agents. Normal laboratory precautions for handling human 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	Liquid
Appearance	Dark red liquid
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

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available
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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 By: Erba Diagnostics' Quality Assurance
Revision Date 07/08/15

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release; it is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.