

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name EX-LYSE Lytic Reagent
Catalog Number(s) RA-9020/RA-9500
Recommended Use Hematology Reagent
Company Information Erba Diagnostics
 14100 NW 57th Court
 Miami Lakes, FL 33014
 Telephone: 305-418-2320

2. HAZARD(S) IDENTIFICATION

Hazard statement(s)

H315 May cause skin irritation
 H319 Causes serious eye irritation
 H400 Very toxic to Aquatic Life

Precautionary statement(s)

P264 Wash thoroughly after handling
 P280 Wear eye protection/ face protection.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P362
 Take off contaminated clothing and wash before reuse
 P305 + P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove
 contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.
 P501 Dispose of contents/ container to an approved waste disposal plant.



Warning

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Weight %
2-Propanol	67-63-0	< 2.5% w/v
Quaternary ammonium salt	*	< 3.6% w/v
Potassium cyanide	151-50-8	< 0.02% w/v

*The identities of these components have been withheld as a trade secret.

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. Seek medical attention immediately.
Ingestion Wash contact surfaces with water. Contact doctor immediately for 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 No special precautions required. Use good laboratory practice.
Environmental Precautions Contain spill to prevent contamination of surrounding areas.
Leak and spill procedure Dispose through a sanitary sewer, or use absorbent material and dispose as non-hazardous solid waste.

7. HANDLING AND STORAGE

Handling	No special precautions required. Use good laboratory practice
Storage	Keep away from aqueous-sensitive materials. Avoid freezing. Store at room temperature

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	Clear colorless liquid
Odor Threshold	No data available
pH	10.2
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.05 (Water = 1)
Evaporation Rate	No data available
Melting Point	No data available
Boiling Point	No data available
Solubility in Water	Miscible

10. STABILITY AND REACTIVITY

Stability	Stable at normal temperatures and pressures.
Hazardous Polymerization	None known
Incompatible Materials	Avoid freezing. Keep away from incompatible materials. Strong acids, Strong oxidizers
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	Toxic to fish and other water-borne organisms.
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13. DISPOSAL INFORMATION

Waste Disposal Methods Waste disposal must comply with Federal, State, and Local requirements. Contact local authorities for information.

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 the IATA, ICAO, Canadian TDG or European ADR.

15. REGULATORY INFORMATION

TSCA N/A
SARA 313 2-propanol is subject to reporting. Potassium cyanide is listed.
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 compounds listed.

16. OTHER INFORMATION

No additional data available

Prepared For: Erba Diagnostics

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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.