

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** ProbeClenz  
**Catalog Number(s)** 610500  
**Recommended Use** Hematology Cleaner

**Company Information**  
 Erba Diagnostics  
 14100 NW 57<sup>th</sup> 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 harmful if swallowed. May cause nausea, vomiting and diarrhea.

**Effects of chronic exposure** None known

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Weight %
Water	7732-18-5	> 97.0%
Sodium Hypochlorite	7681-52-9	< 3.0%

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.

## 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** N/A, Avoid fumes from spilled or exposed liquid, dilute copiously, ventilate and be prepared to use respiratory protection.  
**Auto-ignition temperature** N/A  
**Upper/Lower flammable limit** N/A  
**Hazardous combustion products** Hypochlorous acid (NOCl), chlorine, hydrochloric acid. Composition depends upon temperature and decreases in pH.

## 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** Do not use baking soda or acidic antidotes. Flush with water to dilute, avoid heat and contamination with acidic materials. Do not use combustible materials such as sawdust to absorb. Dispose through a sanitary sewer, or use absorbent material and dispose as non-hazardous waste.

# SAFETY DATA SHEET

## 7. HANDLING AND STORAGE

<b>Handling</b>	Wash hands thoroughly after handling . Avoid skin and eye contact.
<b>Storage</b>	Keep container tightly closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Yellow liquid
<b>Odor</b>	Smells like bleach
<b>Odor Threshold</b>	No data available
<b>pH</b>	11.9-12.9
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Specific Gravity</b>	1.08
<b>Evaporation Rate</b>	No data available
<b>Melting Point</b>	No data available
<b>Boiling Point</b>	> 110 C
<b>Solubility in Water</b>	Soluble

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Unstable
<b>Hazardous Polymerization</b>	None known
<b>Incompatible Materials</b>	Avoid contamination with heavy metals (act as catalysts), reducing agents, organics, ether, ammonia and acids.
<b>Hazardous Decomposition Products</b>	Hypochlorous acid (NOCl), chlorine and hydrochloric acid. Composition depends upon temperature and decreases with pH.

## 11. TOXICOLOGICAL INFORMATION

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

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	N/A
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## 13. DISPOSAL INFORMATION

**Waste Disposal Methods** Reduce with chemicals such as bisulfite or ferrous salt solutions. Some heat will be produced. Keep on the alkaline side and dilute with water. Main end product is salt water.

## 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

<b>TSCA</b>	N/A
<b>SARA 1313</b>	
<b>SARA 311/312 Hazardous Category</b>	No
<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure</b>	No
<b>Reactive Hazard</b>	No
<b>Clean Water Act</b>	N/A
<b>Clean Air Act</b>	N/A
<b>OSHA</b>	N/A
<b>CERCLA</b>	N/A
<b>California Proposition 65</b>	N/A

## 16. OTHER INFORMATION

**Prepared By:** Erba Diagnostics' Regulatory Affairs  
**Revision Date** 07/15/14

**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.*