

## Part III EHT5 LH LYSE

1 Identification of the substance / product and of the company	
<b>Product Information</b>	
<b>Product Code</b>	105-005981-00 (90mL×4)
<b>Product Name</b>	EHT5 LH LYSE
<b>Intended Use</b>	EHT5 LH LYSE applies to Element HT5 Auto Hematology Analyzer manufactured for Heska. It dissolves RBCs, realizes WBC counting, basophil differential and hemoglobin measurement.
<b>Manufacturer Information</b>	
<b>Manufacturer</b>	For Heska Corporation. 3760 Rocky Mountain Ave. Loveland, CO 80538 Tel: 1-800-464-3752
<b>Emergency call</b>	Tel: 1-800-464-3752

2 Hazard identification			
<b>Emergency overview</b>	Nonflammable aqueous solution.		
<b>Product Hazard Classification</b>	<b>US OSHA:</b> Non-hazardous	<b>WHMIS:</b> Non-hazardous	<b>Regulation (EC) No 1272/2008:</b> Non-hazardous
<b>Regulatory status</b>	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product. This product does not contain any known carcinogens or potential carcinogens as listed by OSHA or the NTP. The product is not dangerous under Regulation (EC) No 1272/2008(CLP Regulation).		
<b>Potential health effects</b>	See Section 11 for more information.		
<b>Potential environmental effects</b>	See Section 12 for more information.		

3 Component/composition		
components	Components	CAS No.
	Quaternary ammonium salts.....	Proprietary
	Isopropanol.....	67-63-0

4 First-aid measures	
<b>Skin contact</b>	Rinse immediately with plenty of water.
<b>Eye contact</b>	Rinse immediately with plenty of water and seek medical advice.
<b>Ingestion</b>	Drink lots of water, induce vomiting. Seek medical advice immediately.
<b>Inhalation</b>	Not applicable.

5 Fire-fighting measures	
<b>Flammable properties</b>	The product is water based, and not flammable or explosive.
<b>Extinguishing media</b>	CO <sub>2</sub> , extinguishing powder or water spray.
<b>Hazardous combustion products</b>	Not applicable.
<b>Protection of firefighters</b>	Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing.

6 Accidental release measures	
<b>Personal precautions</b>	Wear gloves and laboratory coat. Prevent skin and eye contacting.
<b>environmental precautions</b>	Keeping away from drains, surface- and ground-water and soil.
<b>Methods for cleaning up and containment</b>	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Dispose it in accordance with governmental requirements.
<b>Other information</b>	US Regulations (CERCLA) requires reporting spills and releases to soil, water and air in excess of reportable quantities. The toll-free phone number for the US Coast Guard National Response Center is 1-800-424-8802.

7 Handling and storage	
<b>Handling</b>	No special precautions are necessary if used correctly.
<b>Storage</b>	Store at 2-30°C. Keep container closed.

8 Exposure controls / personal protection	
<b>Exposure limits</b>	<b>Isopropanol:</b> OSHA-PELs                      TWA: 980 mg/m <sup>3</sup> ACGIH-TLVs                    TWA: 200 ppm                      STEL: 400 ppm
<b>Engineering controls</b>	Use in well ventilated area.
<b>Personal exposure equipment</b>	Standard laboratory latex or rubber gloves recommended.

9 Physical and Chemical Properties
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<b>Appearance</b>	Transparent liquid.
<b>Odor</b>	Slightly smell of surfactant.
<b>pH (25±1 °C)</b>	2.20±0.20.
<b>Melting point</b>	0 °C.
<b>Boiling point</b>	100 °C.
<b>Flash point</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.
<b>Oxidizing properties</b>	Not applicable.
<b>Autoignition temperature</b>	Not applicable.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Not applicable.
<b>Specific gravity (20 °C )</b>	1.00-1.25 g/mL.
<b>Solubility in water</b>	Soluble.
<b>Solubility in solvents</b>	No information available.
<b>Partition coefficient</b>	Not applicable.
<b>Viscosity</b>	No information available.
<b>Vapor density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Corrosivity to metal</b>	Not corrosive.

### 10 Stability and reactivity

<b>Chemical stability</b>	This product is stable.
<b>Conditions to avoid</b>	Temperatures below freezing and above 30°C.
<b>Incompatible materials</b>	No information available.
<b>Hazardous decomposition products</b>	When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.
<b>Possibility of hazardous reactions</b>	No information available.

### 11 Toxicological information

<b>Toxicokinetics, metabolism and distribution</b>	No experimental data for this product available.
<b>Acute toxicity</b>	No experimental data for this product available.


<b>Corrosivity/irritation</b>	No corrosive/irritant effect.
<b>Sensitization</b>	No experimental data for this product available.
<b>Repeated-dose toxicity</b>	No experimental data for this product available.
<b>Carcinogenicity/Mutagenicity/ Reproductive toxicity</b>	No experimental data for this product available.

<b>12 Ecological information</b>	
<b>Ecotoxicity</b>	No information available.
<b>Mobility</b>	No information available.
<b>Persistence/degradability</b>	No information available.
<b>Bioaccumulation potential</b>	No information available.
<b>Results of PBT assessment</b>	No information available.
<b>Other adverse effects</b>	No information available.

<b>13 Disposal considerations</b>	
<b>Product</b>	Dispose of waste product, unused product in accordance with governmental requirements.
<b>Packing</b>	Dispose of contaminated packaging in accordance with governmental requirements.

<b>14 Transport information</b>	
<b>Transport / further information</b>	This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

<b>15 Regulations</b>				
<b>US Federal Regulations</b>	TSCA: This product is not subject to TSCA. SARA Title III: The components of this product are subject to the reporting requirements of Section 302, 304 and 313 of SARA Title III, and are listed as follows:			
	Chemical Name	SARA 302(40 CFR 355, Appendix A)	SARA 304(40 CFR Table 302.4)	SARA 313(40 CFR 372.65)
	Quaternary Ammonium Salts	No	No	No
	Isopropanol	No	No	No
	US CERCLA REPORTABLE QUANTITY(RQ): None US SARA THRESHOLD PLANNING QUALITY: There is no specific			

	<p>Threshold Planning Quantity for the components of this product. The default Federal SDS submission and inventory requirement filling threshold of 10,000 lbs (4,540kg) therefore applies per 40 CFR 370.20.</p> <p>OTHER US FEDERAL REGULATIONS: Not applicable.</p> <p>CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product and its components are not on the Proposition 65 lists.</p>
Canada	<p>CANADIAN DSL/NDSL INVENTORY STATUS: The components of this product are on the DSL or NDSL Inventories.</p> <p>CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product has a WHMIS classification of: Class D1B</p> 
GHS	Non-hazardous.

## 16 Other information

### Revisions:3.0

Information of this Safety Data Sheet represents the current state of our knowledge. The purpose is to characterize the product regarding necessary safety precautions. This document will not be a certification of features and will not be the basis of a legal contract.