

Safety Data Sheet

Part I EHT5 DILUENT

1 Identification of the substance / product and of the company	
Product Information	
Product code	105-005978-00 (5.5L×2) 105-005979-00 (20L×1)
Product name	EHT5 DILUENT
Intended use	EHT5 DILUENT applies to Element HT5 Auto Hematology Analyzer manufactured for Heska. It is used in sample dilution, blood cell counting, volume measurement and hemoglobin measurement.
Manufacturer Information	
Manufacturer information	For Heska Corporation. 3760 Rocky Mountain Ave. Loveland, CO 80538 Tel: 1-800-464-3752
Emergency call	Tel: 1-800-464-3752

2 Hazards identification			
Emergency overview	Colorless, Clear, Liquid, Odorless. Nonflammable aqueous solution.		
Product Hazard Classification	US OSHA: Non-hazardous.	WHMIS: Non-hazardous	Regulation (EC) No 1272/2008: Non-hazardous
Regulatory status	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. This product is not dangerous under Regulation (EC) No 1272/2008 (CLP Regulation).		
Potential health effects	See Section 11 for more information.		
Potential environmental effects	See Section 12 for more information.		

3 Component/Composition			
Components	Components	Concentration	CAS No.
	Borate Buffer.....	≤0.5%	Proprietary

	Sodium Chloride.....≤0.1%	7647-14-5
--	---------------------------	-----------

4 First-aid measures

Skin contact	Rinse immediately with plenty of water.
Eye contact	Rinse immediately with plenty of water and seek medical advice.
Ingestion	Drink lots of water, induce vomiting. Seek medical advice immediately.
Inhalation	Not applicable.

5 Fire-fighting measures

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

6 Accidental release measures

Personal precautions	Wear gloves and laboratory coat. Prevent skin and eye contacting.
environmental precautions	Keeping away from drains, surface- and ground-water and soil.
Methods for cleaning up and containment	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Dispose it in accordance with governmental requirements.
Other information	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

Handling	No special precautions are necessary if used correctly.
Storage	Store at 2-30°C. Keep container closed.

8 Exposure controls / personal protection

Exposure limits	None established.
Engineering controls	Use in well ventilated area.
Personal exposure	Standard laboratory latex or rubber gloves recommended.

equipment	
------------------	--

9 Physical and Chemical Properties	
Appearance	Transparent liquid.
Odor	Odorless.
pH (25±1 °C)	7.35±0.20.
Melting point	0 °C.
Boiling point	100 °C.
Flash point	Not applicable.
Explosive properties	Not explosive.
Oxidizing properties	Not applicable.
Autoignition temperature	Not applicable.
Vapor pressure	No information available.
Relative density	Not applicable.
Specific gravity (20 °C)	1.00-1.05 g/mL.
Solubility in water	Soluble.
Solubility in solvents	No information available.
Partition coefficient	Not applicable.
Viscosity	No information available.
Vapor density	Not applicable.
Evaporation rate	Not applicable.
Corrosivity to metal	Not corrosive.

10 Stability and reactivity	
Chemical stability	Stable under normal temperatures and pressures.
Conditions to avoid	Temperatures below freezing and above 30°C.
Incompatible materials	No information available.
Hazardous decomposition products	When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.
Possibility of hazardous reactions	No information available.

11 Toxicological information


Toxicokinetics, metabolism and distribution	No experimental data for this product available.
Acute toxicity	No experimental data for this product available.
Corrosivity/irritation	No corrosive/irritant effect.
Sensitization	No experimental data for this product available.
Repeated-dose toxicity	No experimental data for this product available.
Carcinogenicity/Mutagenicity/ Reproductive toxicity	No experimental data for this product available.

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

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

14 Transport information	
Transport / further information	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.

15 Regulations				
US Federal Regulations	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,	SARA 304(40 CFR Table	SARA 313(40 CFR 372.65)

	Appendix A)	302.4)	
	Sodium Chloride	No	No
	Borate Buffer	No	No
	<p>US CERCLA REPORTABLE QUANTITY(RQ): None</p> <p>US SARA THRESHOLD PLANNING QUALITY: There is no specific 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 D1A</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.