


**Part IV Probe Cleanser**

<b>1 Identification of the substance / product and of the company</b>	
<b>Product information</b>	
<b>Product code</b>	105-009031-00 (25mL×6)
<b>Product Name</b>	PROBE CLEANSER
<b>Intended Use</b>	PROBE CLEANSER applies to Element HT5 Auto Hematology Analyzer manufactured for Heska. It is used to clean the analyzer regularly.
<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

<b>2 Hazard identification</b>				
<b>Emergency overview</b>	Nonflammable aqueous solution Corrosive. May cause burns to eyes, skin and respiratory tract.			
<b>Product Hazard Classification</b>	<table border="1"> <tbody> <tr> <td> <b>US OSHA:</b> Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1. </td> <td rowspan="2"> <b>WHMIS:</b> Class E </td> </tr> <tr> <td> <b>Regulation (EC) No 1272/2008:</b> Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1. </td> </tr> </tbody> </table>	<b>US OSHA:</b> Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1.	<b>WHMIS:</b> Class E	<b>Regulation (EC) No 1272/2008:</b> Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1.
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<b>Regulation (EC) No 1272/2008:</b> Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1.				
<b>Signal word</b>	Danger			
<b>Hazard statement(s).</b>	May be corrosive to metals; Causes severe skin burns and eye damage; Causes serious eye damage.			

<p><b>Pictograms</b></p>	
<p><b>Precautionary statement(s).</b></p>	<p><b>Prevention:</b>                  Keep only in original container;                  Do not breathe dusts or mists;                  Wash hands and face thoroughly after handling;                  Wear protective gloves/protective clothing/eye protection/face protection.</p> <p><b>Response:</b>                  Absorb spillage to prevent material damage;                  If swallowed: Rinse mouth. Do NOT induce vomiting;                  If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower;                  Wash contaminated clothing before reuse;                  If inhaled: Remove person to fresh air and keep comfortable for breathing;                  Immediately call a poison center/doctor;                  Specific treatment (see part 4 First-aid measures of this SDS);                  If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p><b>Storage:</b>                  Store locked up.</p> <p><b>Disposal:</b>                  Dispose of waste product, unused product and contaminated packaging in accordance with governmental requirements.</p>
<p><b>Regulatory status</b></p>	<p>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).</p> <p>This product does not contain any known carcinogens or potential carcinogens as listed by OSHA or the NTP.</p> <p>This product is considered hazardous under Regulation (EC) No 1272/2008(CLP Regulation).</p>
<p><b>Potential health effects</b></p>	<p>The product is irritant to skin and will burn the skin and the eyes. Contact with acids liberates toxic gas</p>
<p><b>Potential environmental effects</b></p>	<p>No information available</p>

<p align="center"><b>3 Component/Composition</b></p>	
<p><b>Components</b></p>	<p>Components.....Concentration.....CAS No.                  Surfactant.....≤0.2%.....Proprietary                  Sodium hypochlorite .....≤12%.....7681-52-9</p>

	Sodium hydroxide.....≤5%.....1310-73-2
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<b>4 First-aid measures</b>	
<b>Skin contact</b>	If the product contact with your skin and you feel slightly pain, slightly skin burns and redness, you should remove contaminated clothes, rinse skin with plenty of water or shower for at least 15 minutes and refer for medical attention immediately.
<b>Eye contact</b>	If the product contact with your eyes and you feel pain, blurred vision, burns and redness, you should first rinse with plenty of water for several minutes (remove contact lenses if easily possible), then refer for medical attention.
<b>Ingestion</b>	If the product is ingested and you feel abdominal pain, burning sensation in mouth, throat and chest, nausea, vomiting, you should rinse your mouth, drink lemon juice, vinegar, or eggs in milk (Do NOT induce vomiting). If within a few minutes after ingestion, one small glass of water may be given to drink. Refer for medical attention immediately.
<b>Inhalation</b>	The product is water based with slight volatilization, so there is a very small chance of inhalation. If the product is inhaled and you feel cough, burning sensation and shortness of breath, you should rest in a fresh air place and refer for medical attention immediately.

<b>5 Fire-fighting measures</b>	
<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.

<b>6 Accidental release measures</b>	
<b>Personal precautions</b>	Wear gloves and laboratory coat. Prevent skin and eye contacting. Avoid breathing dust. Ensure adequate ventilation.
<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.
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### 7 Handling and storage

<b>Handling</b>	Prevent skin and eye contacting. Wash hands and face thoroughly after handling.
<b>Storage</b>	Store at 2-30°C, well ventilated place. Keep container closed.

### 8 Exposure controls / personal protection

<b>Exposure limits</b>	<b>Sodium hydroxide:</b> OSHA-PELs TWA: 2mg/m3 NIOSH-REL TWA: 2mg/m3 ACGIH-TLV TWA: 2mg/m3
<b>Engineering controls</b>	Necessary, if vapors / aerosols are released.
<b>Personal exposure equipment</b>	Standard laboratory latex or rubber gloves recommended, such as mask, gloves, goggles and suitable protective clothing.

### 9 Physico-chemical properties

<b>Appearance</b>	Yellowish-green liquid.
<b>Odour</b>	Slightly pungent.
<b>pH ( 25 ±1°C )</b>	10.0-13.8.
<b>Melting point</b>	-8 °C.
<b>Boiling point</b>	100 °C.
<b>Flash point</b>	Not applicable.
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Oxide.
<b>Autoignition temperature</b>	Not applicable.
<b>Vapour 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>	Soluble.
<b>Partition coefficient</b>	Not applicable.
<b>Viscosity</b>	No information available.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Corrosivity to metal</b>	Not corrosive.

<b>10 Stability and reactivity</b>	
<b>Chemical stability</b>	This product is decomposable on high temperature.
<b>Conditions to avoid</b>	High temperature (above 30°C).
<b>Incompatible materials</b>	Acids, ammonia, reducing agents.
<b>Hazardous decomposition products</b>	Chlorine.
<b>Possibility of hazardous reactions</b>	No information available.

<b>11 Toxicological information</b>	
<b>Toxicokinetics, metabolism and distribution</b>	No experimental data for this product available.
<b>Acute toxicity</b>	Sodium hypochlorite: LD50 Rat oral 8.91g/Kg Mouse oral 5800mg/Kg
<b>Corrosivity/irritation</b>	It is corrosive to mucous membranes, after inhalation, can cause cough, difficulty in breathing, corrosion for skin and eye contact.
<b>Sensitisation</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>	Do not discard to inshore waters, sink or ground.

<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>UN number</b>	
IATA, ICAO, IMDG, ADR, RID, ADN	UN3266
<b>UN proper shipping name</b>	
IATA, ICAO, IMDG, ADR, RID, ADN	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
<b>Transport hazard class(es)</b>	
IATA, ICAO, IMDG, ADR, RID, ADN	8
<b>Packing group</b>	
IATA, ICAO, IMDG, ADR, RID, ADN	III
<b>Environmental hazards</b>	NO.
<b>Special precautions for user</b>	No information available
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

<b>15 Regulations</b>																	
<b>US Regulations</b>	<p>TSCA: This product is not subject to TSCA.</p> <p>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:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Chemical Name</th> <th>SARA 302(40 CFR 355, Appendix A)</th> <th>SARA 304(40 CFR Table 302.4)</th> <th>SARA 313(40 CFR 372.65)</th> </tr> </thead> <tbody> <tr> <td>Surfactant</td> <td>No</td> <td>No</td> <td>No</td> </tr> <tr> <td>Sodium hypochlorite</td> <td>No</td> <td>No</td> <td>No</td> </tr> <tr> <td>Sodium hydroxide</td> <td>No</td> <td>No</td> <td>No</td> </tr> </tbody> </table> <p>US CERCLA REPORTABLE QUANTITY (RQ): Sodium Hydroxide; 1,000lbs (454kg).</p> <p>US SARA THRESHOLD PLANNING QUANTITY: 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>	Chemical Name	SARA 302(40 CFR 355, Appendix A)	SARA 304(40 CFR Table 302.4)	SARA 313(40 CFR 372.65)	Surfactant	No	No	No	Sodium hypochlorite	No	No	No	Sodium hydroxide	No	No	No
	Chemical Name	SARA 302(40 CFR 355, Appendix A)	SARA 304(40 CFR Table 302.4)	SARA 313(40 CFR 372.65)													
Surfactant	No	No	No														
Sodium hypochlorite	No	No	No														
Sodium hydroxide	No	No	No														
<b>Federal</b>	<p><b>GHS</b></p> <p><b>Classification:</b></p> <p>Corrosive to metals, Category 1;</p>																

	<p>Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1.</p> <p><b>Hazard pictogram(s):</b></p>  <p><b>Signal word:</b> Danger</p> <p><b>Hazard statement(s):</b> May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage.</p>
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## 16 Other information

### Revisions:6.0

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.