


Part IV Probe Cleanser

1 Identification of the substance / product and of the company	
Product information	
Product code	105-009031-00 (25mL×6)
Product Name	PROBE CLEANSER
Intended Use	PROBE CLEANSER applies to Element HT5 Auto Hematology Analyzer manufactured for Heska. It is used to clean the analyzer regularly.
Manufacturer Information	
Manufacturer	For Heska Corporation. 3760 Rocky Mountain Ave. Loveland, CO 80538 Tel: 1-800-464-3752
Emergency call	Tel: 1-800-464-3752

2 Hazard identification	
Emergency overview	Nonflammable aqueous solution Corrosive. May cause burns to eyes, skin and respiratory tract.
Product Hazard Classification	<p>US OSHA: Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1.</p> <p>Regulation (EC) No 1272/2008: Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1.</p> <p>WHMIS: Class E</p>
Signal word	Danger
Hazard statement(s).	May be corrosive to metals; Causes severe skin burns and eye damage; Causes serious eye damage.
Pictograms	
Precautionary statement(s).	<p>Prevention: 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>Response: Absorb spillage to prevent material damage;</p>

	<p>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. Storage: Store locked up. Disposal: Dispose of waste product, unused product and contaminated packaging in accordance with governmental requirements.</p>
Regulatory status	<p>This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This product does not contain any known carcinogens or potential carcinogens as listed by OSHA or the NTP. This product is considered hazardous under Regulation (EC) No 1272/2008(CLP Regulation).</p>
Potential health effects	<p>The product is irritant to skin and will burn the skin and the eyes. Contact with acids liberates toxic gas</p>
Potential environmental effects	<p>No information available</p>

3 Component/Composition		
Components	Concentration	CAS No.
Surfactant	≤0.2%	Proprietary
Sodium hypochlorite	≤12%	7681-52-9
Sodium hydroxide	≤5%	1310-73-2

4 First-aid measures	
Skin contact	<p>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.</p>
Eye contact	<p>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.</p>
Ingestion	<p>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</p>

	for medical attention immediately.
Inhalation	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.

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	No information available.
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. Avoid breathing dust. Ensure adequate ventilation.
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	Prevent skin and eye contacting. Wash hands and face thoroughly after handling.
Storage	Store at 2-30°C, well ventilated place. Keep container closed.

8 Exposure controls / personal protection

Exposure limits	Sodium hydroxide: OSHA-PELs TWA: 2mg/m ³ NIOSH-REL TWA: 2mg/m ³ ACGIH-TLV TWA: 2mg/m ³
Engineering controls	Necessary, if vapors / aerosols are released.
Personal exposure equipment	Standard laboratory latex or rubber gloves recommended, such as mask, gloves, goggles and suitable protective clothing.

9 Physical and Chemical Properties	
Appearance	Yellowish-green liquid.
Odor	Slightly pungent.
pH (25 ±1°C)	10.0-13.8.
Melting point	-8 °C.
Boiling point	100 °C.
Flash point	Not applicable.
Explosive properties	Not explosive.
Oxidizing properties	Oxide.
Autoignition temperature	Not applicable.
Vapor pressure	No information available.
Relative density	Not applicable.
Specific gravity (20 °C)	1.00-1.25 g/mL.
Solubility in water	Soluble.
Solubility in solvents	Soluble.
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	This product is decomposable on high temperature.
Conditions to avoid	High temperature (above 30°C).
Incompatible materials	Acids, ammonia, reducing agents.
Hazardous decomposition products	Chlorine.
Possibility of hazardous reactions	No information available.

11 Toxicological information	
Toxicokinetics, metabolism and distribution	No experimental data for this product available.

Acute toxicity	Sodium hypochlorite: LD ₅₀ Rat oral 8.91g/Kg Mouse oral 5800mg/Kg
Corrosivity/irritation	It is corrosive to mucous membranes, after inhalation, can cause cough, difficulty in breathing, corrosion for skin and eye contact.
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	Do not discard to inshore waters, sink or ground.

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

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

15 Regulations

US Federal	TSCA: This product is not subject to TSCA.
-------------------	--

<p>Regulations</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" data-bbox="470 280 1380 577"> <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). 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. OTHER US FEDERAL REGULATIONS: Not applicable. 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														
<p>Canada</p>	<p>CANADIAN DSL/NDSL INVENTORY STATUS: The components of this product are on the DSL or NDSL Inventories. Canadian Ingredient Disclosure List (limit 0.1%): No ingredients are listed. Canadian Ingredient Disclosure List (limit 1%): 7691-52-9 Sodium Hypochlorite, 1310-73-2 Sodium hydroxide. CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product has a WHMIS classification of: Class E (Corrosive Material).</p> 																
<p>GHS</p>	<p>Classification: Corrosive to metals, Category 1; Skin Corrosion/Irritation, Category 1C; Serious Eye Damage /Eye Irritation, Category 1.</p> <p>Hazard pictogram(s):</p>  <p>Signal word: Danger Hazard statement(s): May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage.</p>																

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.