

1. Product and Company Identification

Product Identifier

Product Name: Detergent solution
Product Code: MD-101513
Recommended Use: Detergent solution for Zybio EXC200 system.

Company

Diamond Diagnostics Inc.
 333 Fiske Street
 Holliston, MA 01746

Company Phone Number 508-429-0450
Email support@diamonddiagnostics.com

Emergency Telephone No: 508-429-0450

2. Hazards Identification

GHS - Classification

Classification Health Hazard, Corrosive, Skin and Eye Irritation, Environmental Hazard



Hazard Statements

H290 May be corrosive to metals.
 H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P233 Keep container tightly closed.
 P234 Keep only in original container.
 P261 Avoid breathing dust/fumes.
 P264 Wash hands thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves, protective clothing, eye protection and face protection.
 P281 Use personal protective equipment as required.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
 P308 + P313 IF exposed or concerned: Get medical advice/attention.
 P310 Immediately call a POISON CENTER/doctor/physician/first aider.
 P312 Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.
 P332 + P313 If skin irritation occurs: Get medical advice / attention.
 P363 Wash contaminated clothing before reuse.
 P370 + P378 In case of fire: Use water for extinction.
 P390 Absorb spillage to prevent material damage.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P406 Store in corrosive resistant container with a resistant inner liner.
 P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition / Information on Ingredients

Chemical Name	EC No.	Reach Reg. No.	CAS-No.	Weight %	Classification
Sulfonic acids, C10-C18-alkane Na salts	268-213-3	Not listed	68037-49-0	< 1%	H302 Harmful if swallowed, H315 Causes skin irritation, H318 Serious eye damage
Sodium Hydroxide	215-185-5	01-2119457892-27-XXXX	1310-73-2	< 5%	H290 Corr. to metal, H314 Severe skin and eye damage, H318 Serious eye damage, H402 Harmful to aquatic life
Polyethylene (C11-14-iso-) glycol monoalkyl ether	934-084-3	Not listed	78330-21-9	< 2%	H302 Harmful if swallowed, H318 Serious eye damage, H411 Toxic to aquatic life with long lasting effects

4. First Aid Measures

Eye Contact	Flush affected area with copious amounts of water.
Skin Contact	Flush affected area with copious amounts of water.
Inhalation	In case of unconsciousness place patient stably in side position for transportation.
Ingestion	Rinse mouth with water, drink large quantities of water and seek medical aid.
Notes to Physician	Treat symptomatically.

5. Fire-Fighting Measures

Flammable Properties	No information available.
Flash Point	No information available.
Suitable Extinguishing Media	Suitable for surrounding fire.
Hazardous Combustion Products	No information available.
Protective Equipment and Precautions for Firefighters	Self-contained breathing apparatus and protective clothing.
Further Information	No information available.

6. Accidental Release Measures

Personnel Precautions	Use personnel protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.
Methods for Containment & Cleaning	Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water. Dispose of in accordance with applicable federal, state, and local laws and regulations.
Environmental Precautions	Do not let product enter drains.

7. Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid formation of dust aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. For precautions see section 2.2.
Storage	Keep container closed in a dry and well-ventilated place.
Specific use	See Section 1 – Recommended Use

8. Exposure Controls / Personnel

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sulfonic acids, C10-C18-alkane Na salts CAS: 68037-49-0	Not listed	Not listed	Not listed
Sodium Hydroxide CAS: 1310-73-2	C; 2 mg/m ³	TWA; 2 mg/m ³	C; 2 mg/m ³
Polyethylene (C11-14-iso-) glycol monoalkyl ether CAS: 78330-21-9	Not listed	Not listed	Not listed

Engineering Measures

Showers
Eye Wash Stations
Ventilation Systems

Personnel Protective Equipment

Eye/Face Protection

Safety goggles with side-shields.

Skin Protection

Wear protective gloves and clothing.

Hygiene Measures

Always wear latex- or nitrile gloves, safety glasses and laboratory coat when handling the product.

Environment Exposure

Prevent further leakage or spillage if safe to do so. Do not let the product enter drains.

9. Physical and Chemical Properties

Appearance

Liquid.

Odor

No information available.

Odor Threshold

No information available.

pH

13.

Melting Point

No information available.

Freezing Point

No information available.

Initial Boiling Point

Approx. 100 °C.

Flash Point

No information available.

Evaporation Rate

No information available.

Flammability (solid, gas)

No information available.

Upper/Lower flammability or explosive limits

No information available.

Vapor pressure

No information available.

Vapor density

No information available.

Relative density

No information available.

Water Solubility

No information available.

Partition coefficient: (n-octanol/water)

No information available.

Auto-ignition temperature

No information available.

Decomposition Temperature °C

No information available.

Viscosity

No information available.

Explosive properties

No information available.

Oxidizing properties

No information available.

10. Stability and Reactivity

Reactivity

No information available.

Chemical Stability

Stable.

Incompatible Materials

Acids.

Hazardous Decomposition Products

No dangerous decomposition products known.

Hazardous Polymerization: No information available.

Conditions to avoid: Avoid exposure to heat and light.

Suggested Storage: Store as recommended on product label.

11. Toxicological Information

Acute Toxicity No information available.

Chronic Toxicity Irritation of affected area.

Target Organ Effects No information available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

12. Ecological Information

Ecotoxicity No information available.

13. Disposal Considerations

Waste Disposal Method In accordance with applicable federal, state, and local laws and regulations.

Contaminated Packaging In accordance with applicable federal, state, and local laws and regulations.

14. Transport Information

IATA Not regulated.

DOR Not regulated.

15. Regulatory Information

SARA 302 Components No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.

SARA 313 Components No chemicals in this material are subject to reporting requirements of SARA Title III, Section 313.

SARA 311/312 Hazards Corrosive to metal, Skin corrosion or irritation, Serious eye damage or eye irritation, Chronic Health Hazard, Acute Health Hazard.

Massachusetts right to know components

None of the ingredients are classified as a hazardous substance as per 301 CMR 41: Toxic or hazardous substance list.

Pennsylvania right to know components

Sodium Hydroxide	CAS-No. 1310-73-2	Revision Date: 2025-06-28
------------------	----------------------	------------------------------

New Jersey right to know components

Sodium Hydroxide	Substance No. 1706	CAS-No. 1310-73-2	DOT 1823	SHHC CO	Revision Date: 2007
------------------	-----------------------	----------------------	-------------	------------	------------------------

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Issuing Date	16-March-2026
Revision Date	
Revision Note	
Recommended Restrictions	No Restrictions.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 text.