

1. Product and Company Identification

Product Identifier

Product Name: Protein Remover
Product Code: RD-943906D
Recommended Use: To remove protein from sample path.

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 Corrosive, Environment Damaging



Hazard Statements

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H410 Very toxic to aquatic life with long-lasting effects.

Precautionary Statements

P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 + P310 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.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
P405 Store locked up.
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 |
|---------------------|-----------|----------------|-----------|----------|--|
| Sodium Hypochlorite | 231-668-3 | Not available | 7681-52-9 | < 2% | Skin Corr. 1B; Eye Irrit. 2A; Aquatic Acute 1; Aquatic Chronic 1; H314, H319, H410 |

4. First Aid Measures

Eye Contact Flush with water. Hold eyelids open. Continue flushing with water for 15 minutes. Seek prompt medical aid.

Skin Contact Wash affected area with large amounts of water for 15 minutes. Seek prompt medical aid.

Inhalation No information available

Ingestion Drink large quantities of water. Do not induce vomiting. Do not give victim vinegar or other acids. Seek prompt medical aid.

Notes to Physician Treat symptomatically

5. Fire-Fighting Measures

Flammable Properties No information available

Flash Point 100 °C

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.

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 regulations.

Environmental Precautions Do not let product enter drains.

7. Handling and Storage

Handling Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition – No Smoking. Take measures to prevent buildup of electrostatic charge.

Storage Keep container closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Non-combustible, corrosive hazardous materials.

Specific use See Section 1 – Recommended Use

8. Exposure Controls / Personnel

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------------------------|------------|----------------------|------------|
| Sodium Hypochlorite 7681-52-9 | Not listed | STEL; 2.000000 mg/m3 | 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/clothing

Respiratory Protection

If exposure limits are exceeded or irritation is experienced; NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required high airborne containment concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Complete suit protecting against chemicals, Flame resistant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Environment Exposure

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

9. Physical and Chemical Properties

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|---|----------------------------------|
| Appearance | Clear to slight yellowish liquid |
| Odor | Chlorine odor |
| Odor Threshold | No information available |
| pH | 10-11 |
| Melting Point | No information available |
| Freezing Point | 0°C |
| Initial Boiling Point | Approx. 100 °C |
| Flash Point | 100 °C |
| 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 | Soluble |
| 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 | Acid, Ammonia, Metals, Oxidizable materials and Chlorinated isocyanurates |
| Hazardous Decomposition Products | Chlorine, Hydrochloric Acid, Hypochlorous Acid, and Oxygen |
| Hazardous Polymerization: | Will not occur |
| 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 | <p>IARC: A4 – Not classifiable as a human carcinogen (Sodium Hypochlorite), 3 – Group 3: Not classifiable as to its carcinogenicity to humans (Sodium Hypochlorite)</p> <p>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.</p> |

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 NTP.

12. Ecological Information

Ecotoxicity Toxic to fish, daphnia and other aquatic invertebrates.

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 The following components are subject to reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards Acute Health Hazard

Massachusetts right to know components

| | | |
|---------------------|----------------------|------------------------------|
| Sodium Hypochlorite | CAS-No. 7681-52-9 | Revision Date: 2007-03-01 |
|---------------------|----------------------|------------------------------|

Pennsylvania right to know components

| | | |
|---------------------|----------------------|------------------------------|
| Sodium Hypochlorite | CAS-No. 7681-52-9 | Revision Date: 2007-03-01 |
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New Jersey right to know components

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|---------------------|----------------------|------------------------------|
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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 13-March-2007

Revision Date 30-November-2015

Revision Note No information available

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.