

1. Product and Company Identification

Product Identifier

Product Name: Albumin Reagent
Product Code: BK-467858D
Recommended Use: For the quantitative determination of Albumin in serum.

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. Flammable



Hazard Statements

H226 Flammable liquid and vapor.
 H290 May be corrosive to metals
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H402 Harmful to aquatic life.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
 P233 Keep container tightly closed.
 P234 Keep only in original container.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 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): Remove/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/doctor.
 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/doctor.
 P363 Wash contaminated clothing before reuse.
 P370 + P378 In case of fire: Use ... for extinction.
 P390 Absorb spillage to prevent material damage.
 P403 + P235 Store in a well-ventilated place. Keep cool.
 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
Ethylenediaminetetraacetic Acid Disodium Salt Dihydrate	205-358-3	Not available	6381-92-6	< 0.5%	Not available
Sodium Hydroxide	215-185-5	01-2119457892-27-XXXX	1310-73-2	< 0.7%	Met. Corr. 1; Skin Corr. 1A; Eye Dam. 1; Aquatic Acute 3; H290, H314, H318, H402
Acetic Acid	200-580-7	01-2119475328-30-XXXX	64-19-7	< 0.4%	Flam. Liq. 3; Skin Corr. 1A; Eye Dam. 1; H226, H314, H318

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	Remove from exposure and move to fresh air promptly. If not breathing, give artificial respiration and seek medical aid.
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
Ethylenediaminetetraacetic Acid Disodium Salt Dihydrate 6381-92-6	Not listed	Not listed	Not listed
Sodium Hydroxide 1310-73-2	C; 2.000000 mg/m3	TWA; 2.000000 mg/m3	C; 2.000000 mg/m3
Acetic Acid 64-19-7	TWA; 10.000000 ppm STEL; 15.000000 ppm	TWA; 10.000000 ppm, 25.000000 mg/m3	ST; 15.000000 ppm, 37.000000 mg/m3 TWA; 10.000000 ppm, 25.000000 mg/m3

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; NISOH/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

Appearance

Clear Liquid

Odor

No information available

Odor Threshold

No information available

pH

Approx. 5

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	No information available
Hazardous Decomposition Products	No information available
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: 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.</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> <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.</p> <p>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.</p>

12. Ecological Information

Ecotoxicity	No information available
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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	No SARA Hazards

Massachusetts right to know components

Sodium Hydroxide	CAS-No.	Revision Date:
Acetic Acid	1310-73-2	2007-03-01
	64-19-7	1993-04-24

Pennsylvania right to know components

	CAS-No.	Revision Date:
Ethylenediaminetetraacetic-Acid Disodium Salt Dihydrate	6381-92-6	
Sodium Hydroxide	1310-73-2	2007-03-01
Acetic Acid	64-19-7	1993-04-24

New Jersey right to know components

	CAS-No.	Revision Date:
Ethylenediaminetetraacetic-Acid Disodium Salt Dihydrate	6381-92-6	
Sodium Hydroxide	1310-73-2	2007-03-01
Acetic Acid	64-19-7	1993-04-24

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-September-2012
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.