

# SDS Safety Data Sheet

## Section 1 Chemical Identification

**Catalog # / Description:** Part Number 486999  
**Name:** eXact® Reagent Acid-1 (17mL)

## Section 2 Hazards Identification

**CORROSIVE**

Eye contact: Causes eye burn

Skin contact: Causes burn

Ingestion: Can cause acid burn including nausea, abdominal pain.

Wear safety glasses and latex gloves when handling. Irritating to nose and throat. Avoid inhalation. Wash contaminated clothing before reuse.

## Section 3 Composition/Information on Ingredients

**CAS #:** 7697-37-2 Nitric Acid ≈18%

**CAS #:** 7732-18-5 Demineralized Water ≈82%

Caution: CORROSIVE ingredient

## Section 4 First Aid Measures

• If swallowed, give 1-2 glasses of water. Call a physician or the Poison Control Center as a precaution.

• In case of skin contact, flush with copious amounts of water for at least 2 minutes. Remove contaminated clothing and shoes.

• In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Call physician.

• If inhaled, remove to fresh air. If breathing is difficult, give oxygen and seek medical advice.

## Section 5 Fire Fighting Measures

Not flammable but may form hydrogen gas. Use what is appropriate for surrounding fire conditions.

## Section 6 Accidental Release

Dilute spill with plenty of water, use appropriate absorbent. Discard per local regulations.

## Section 7 Handling and Storage

**Handling:** Use eye protection. Keep away from face, wash hands after using.

**Storage:** Closed, at room temperature

## Section 8 Exposure Controls / Personal Protection

Have an eyewash station nearby. Do not expose to eyes, skin, or clothing. Keep away from children and pets. Wash hands thoroughly after handling. Use eye protection.

## Section 9 Physical and Chemical Properties

Appearance and Odor: Clear, colorless liquid with no odor

**Physical Properties:**

Melting Point:	Not applicable
Solubility:	Soluble
Specific Gravity:	about 1.2
Vapor Density:	Not available
pH:	<0.6

## Section 10 Stability and Reactivity

Stable when stored at room temperature.

**Hazardous Polymerization:** Will not occur.

## Section 11 Toxicological Information

**Ingredient Toxicological Data:** Nitric Acid oral Human LDLo=430mg/kg

Each bottle contains about 17mL liquid

## Section 12 Ecological Information

Not available

## Section 13 Disposal Information

Dilute with plenty of water and dispose per local regulations.

## Section 14 Transport Considerations

Not regulated by DOT, IATA, or other

## Section 15 Regulatory Considerations

Product is not regulated

## Section 16 Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used ONLY as a guide. Keep away from children and pets. Poison Control: 1-800-222-1222.

# SDS Safety Data Sheet

## Section 1 Chemical Identification

**Catalog # / Description:** Part Number 488375-B  
**Name:** eXact® Reagent PB-2 (15mL)

## Section 2 Hazards Identification

**CORROSIVE**

Eye contact: Causes eye burn

Skin contact: Causes burn

Ingestion: Can cause acid burn including nausea, abdominal pain.

Wear safety glasses and latex gloves when handling. Irritating to nose and throat. Avoid inhalation. Wash contaminated clothing before reuse.

## Section 3 Composition/Information on Ingredients

**CAS #:** 777-86-1 Tris-hydroxymethyl-aminomethane (TRIS) ≈15%

**CAS #:** 115-69-5 2-amino, 2-methyl, 1,3, propanediol (AMPD) ≈82%

Caution: CORROSIVE ingredient

## Section 4 First Aid Measures

• If swallowed, give 1-2 glasses of water. Call a physician or the Poison Control Center as a precaution.

• In case of skin contact, flush with copious amounts of water for at least 2 minutes. Remove contaminated clothing and shoes.

• In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Call physician.

• If inhaled, remove to fresh air. If breathing is difficult, give oxygen and seek medical advice.

## Section 5 Fire Fighting Measures

Use what is appropriate for surrounding fire conditions.

## Section 6 Accidental Release

Dilute spill with plenty of water, use appropriate absorbent. Discard per local regulations.

## Section 7 Handling and Storage

**Handling:** Keep away from face, wash hands after using. Use gloves to prevent contact irritation. Use eye protection.

**Storage:** Closed, at room temperature. Away from children and pets.

## Section 8 Exposure Controls / Personal Protection

Have an eyewash station nearby. Do not expose to eyes, skin, or clothing. Keep away from children and pets. Wash hands thoroughly after handling. Use eye protection.

## Section 9 Physical and Chemical Properties

Appearance and Odor: Clear, colorless liquid with no odor

**Physical Properties:**

Melting Point:	Not applicable
Solubility:	Soluble
Specific Gravity:	about 1.4
Vapor Density:	Not available
pH:	>10

## Section 10 Stability and Reactivity

Stable when stored at room temperature.

**Hazardous Polymerization:** Will not occur.

## Section 11 Toxicological Information

**Ingredient Toxicological Data:** AMPD LD50 = 17,000mg/Kg (rat)

TRIS LD50 = 5,900mg/Kg (rat). Each bottle contains about 15mL liquid.

## Section 12 Ecological Information

Not available

## Section 13 Disposal Information

Dilute with plenty of water and dispose per local regulations.

## Section 14 Transport Considerations

Not regulated by DOT, IATA, or other

## Section 15 Regulatory Considerations

Product is not regulated

## Section 16 Other Information

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# SDS Safety Data Sheet

## Section 1 Chemical Identification

**Catalog # / Description:** Part Number 486997

**Name:** eXact® Strip PB-3 (50 strips)

## Section 2 Hazards Identification

NOT HAZARDOUS

## Section 3 Composition/Information on Ingredients

Not Applicable

Caution: IRRITANT

## Section 4 First Aid Measures

- If swallowed, give 1-2 glasses of water. Call a physician or the Poison Control Center as a precaution.
  - In case of skin contact, flush with copious amounts of water for at least 2 minutes. Remove contaminated clothing and shoes.
  - In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Call physician.
  - If inhaled, remove to fresh air. If breathing is difficult, give oxygen and seek medical advice.
- Most likely effect: contact irritation

## Section 5 Fire Fighting Measures

Use what is appropriate for surrounding fire conditions.

## Section 6 Accidental Release

Sweep up and discard per local regulations.

## Section 7 Handling and Storage

**Handling:** Keep away from face, wash hands after using. Use gloves to prevent contact irritation. Use eye protection.

**Storage:** Closed, at room temperature. Away from children and pets.

## Section 8 Exposure Controls / Personal Protection

Have an eyewash station nearby. Do not expose to eyes, skin, or clothing. Keep away from children and pets. Wash hands thoroughly after handling. Use eye protection.

## Section 9 Physical and Chemical Properties

**Appearance and Odor:** Brown pad on a plastic handle

**Physical Properties:**

Melting Point:	Not Applicable
Solubility:	Not Applicable
Flammability:	Flammable
Vapor Density:	Not Applicable
pH:	<3

## Section 10 Stability and Reactivity

Stable when stored at room temperature.

**Hazardous Polymerization:** Will not occur.

## Section 11 Toxicological Information

Not available

## Section 12 Ecological Information

Not available

## Section 13 Disposal Information

Sweep up and dispose in regular trash. Avoid breathing dust.

## Section 14 Transport Considerations

Not regulated by DOT, IATA, or other

## Section 15 Regulatory Considerations

Product is not regulated

## Section 16 Other Information

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# SDS Safety Data Sheet

## Section 1 Chemical Identification

**Catalog # / Description:** Part Number 486995

**Name:** eXact® Strip PB-4 (50 strips)

## Section 2 Hazards Identification

DANGER

Harmful if swallowed

May be irritating to eyes

## Section 3 Composition/Information on Ingredients

**CAS#:** 13235-36-4 EDTA Tetrasodium salt, hydrate ≈0.1%

## Section 4 First Aid Measures

- If swallowed, give 1-2 glasses of water. Call a physician or the Poison Control Center as a precaution.
- In case of skin contact, flush with copious amounts of water for at least 2 minutes. Remove contaminated clothing and shoes.
- In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Call physician.
- If inhaled, remove to fresh air. If breathing is difficult, give oxygen and seek medical advice.

## Section 5 Fire Fighting Measures

Use what is appropriate for surrounding fire conditions.

## Section 6 Accidental Release

Sweep up and discard per local regulations.

## Section 7 Handling and Storage

**Handling:** Keep away from face, wash hands after using. Use gloves to prevent contact irritation. Use eye protection.

**Storage:** Closed, at room temperature. Away from children and pets.

## Section 8 Exposure Controls / Personal Protection

Have an eyewash station nearby. Do not expose to eyes, skin, or clothing. Keep away from children and pets. Wash hands thoroughly after handling. Use eye protection.

## Section 9 Physical and Chemical Properties

**Appearance and Odor:** White pad on a plastic handle

**Physical Properties:**

Melting Point:	Not Applicable
Solubility:	Soluble
Flammability:	Flammable
Vapor Density:	Not Applicable
pH:	<10.5

## Section 10 Stability and Reactivity

Stable when stored at room temperature.

**Hazardous Polymerization:** Will not occur.

## Section 11 Toxicological Information

LD50 = 630 – 1260 mg/Kg (rat)

## Section 12 Ecological Information

Not available

## Section 13 Disposal Information

Sweep up and dispose in regular trash. Avoid breathing dust.

## Section 14 Transport Considerations

Not regulated by DOT, IATA, or other

## Section 15 Regulatory Considerations

Product is not regulated

## Section 16 Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used ONLY as a guide. Keep away from children and pets. Poison Control: 1-800-222-1222.