The following list contains the Material Safety Data Sheets you requested. Please scroll down to view the requested MSDS(s).

<table>
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<tr>
<th>Product</th>
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<th>Distributor</th>
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<tr>
<td>1412099</td>
<td>N/A</td>
<td>Hach Company</td>
<td>OSHA</td>
<td>English</td>
<td>1</td>
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<tr>
<td>1407899</td>
<td>N/A</td>
<td>Hach Company</td>
<td>OSHA</td>
<td>English</td>
<td>1</td>
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</tbody>
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Total Enclosures: 2
MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NitraVer® 6 Nitrate Reagent  
Catalog Number: 1412099

Hach Company  
P.O.Box 389  
Loveland, CO USA 80539  
(970) 669-3050

Emergency Telephone Numbers:

Medical and Transportation  
P.O.Box 389 (Medical and Transportation)  
(303) 623-5716  
24 Hour Service  
(515)232-2533  
8am - 4pm CST

Chemical Name: Not applicable  
CAS No.: Not applicable  
Chemical Formula: Not applicable  
Chemical Family: Not applicable  

Date of MSDS Preparation:  
Day: 05  
Month: October  
Year: 2007

2. COMPOSITION / INFORMATION ON INGREDIENTS

Potassium Pyrosulfate  
CAS No.: 7790-62-7  
TSCA CAS Number: 7790-62-7  
Percent Range: 5.0 - 10.0  
Percent Range Units: weight / weight  
LD50: Oral rat LD50 = 2340 mg/kg  
LC50: None reported  
TLV: Not established  
PEL: Not established  
Hazard: Causes eye burns.

1,2-Cyclohexanediaminetetraacetic Acid Trisodium Salt  
CAS No.: 36679-96-6  
TSCA CAS Number: 36679-96-6  
Percent Range: 20.0 - 30.0  
Percent Range Units: weight / weight  
LD50: None reported  
LC50: None reported  
TLV: Not established  
PEL: Not established  
Hazard: Toxic properties unknown. May cause irritation.

Potassium Phosphate, Monobasic  
CAS No.: 7778-77-0  
TSCA CAS Number: 7778-77-0
**Percent Range:** 10.0 - 20.0  
**Percent Range Units:** weight / weight  
**LD50:** Oral rat LD50 = 7100 mg/kg  
**LC50:** None reported  
**TLV:** Not established  
**PEL:** Not established  
**Hazard:** May cause irritation.

**Other components, each**
- **CAS No.:** Not applicable  
- **TSCA CAS Number:** Not applicable  
- **Percent Range:** < 1.0  
- **Percent Range Units:** weight / weight  
- **LD50:** Not applicable  
- **LC50:** Not applicable  
- **TLV:** Not established  
- **PEL:** Not established  
- **Hazard:** Any ingredient(s) of this product listed as "Other component(s)" is not considered a health hazard to the user of this product.

**Cadmium**
- **CAS No.:** 7440-43-9  
- **TSCA CAS Number:** 7440-43-9  
- **Percent Range:** 1.0 - 10.0  
- **Percent Range Units:** weight / weight  
- **LD50:** Oral rat LD50 = 225 mg/kg  
- **LC50:** Inhalation rat LC50 = 25 mg/m³/30min  
- **TLV:** 0.01 mg/m³  
- **PEL:** 0.005 mg/m³  

**Sodium Sulfate**
- **CAS No.:** 7757-82-6  
- **TSCA CAS Number:** 7757-82-6  
- **Percent Range:** 50.0 - 60.0  
- **Percent Range Units:** weight / weight  
- **LD50:** Oral mouse LD50 = 5989 mg/kg  
- **LC50:** None reported  
- **TLV:** Not established  
- **PEL:** Not established  
- **Hazard:** May cause irritation.

**Magnesium Sulfate**
- **CAS No.:** 10034-99-8  
- **TSCA CAS Number:** 7487-88-9  
- **Percent Range:** 1.0 - 10.0  
- **Percent Range Units:** weight / weight  
- **LD50:** Oral mouse LDLo = 5000 mg/kg  
- **LC50:** None reported  
- **TLV:** Not established  
- **PEL:** Not established  
- **Hazard:** May cause irritation.

---

3. HAZARDS IDENTIFICATION
**Emergency Overview:**

**Appearance:** Blue metallic powder

**Odor:** None

CAUSES EYE BURNS  HARMFUL IF SWALLOWED OR INHALED  MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION

CONTAINS CADMIUM: CANCER HAZARD  CAN CAUSE LUNG AND KIDNEY DISEASE

**HMIS:**
- **Health:** 4
- **Flammability:** 1
- **Reactivity:** 0

**Protective Equipment:** X - See protective equipment, Section 8.

**NFPA:**
- **Health:** 3
- **Flammability:** 1
- **Reactivity:** 0

**Symbol:** Not applicable

**Potential Health Effects:**

**Eye Contact:** Causes eye burns.

**Skin Contact:** May cause irritation

**Skin Absorption:** Will be absorbed through the skin.

**Target Organs:** None reported

**Ingestion:** May cause: salivation vomiting abdominal pain anemia diarrhea kidney failure central nervous system effects

**Target Organs:** Kidneys Reproductive system Central nervous system

**Inhalation:** May cause: coughing headache nausea, vomiting chest pain pneumonitis respiratory tract irritation lung damage kidney damage

**Target Organs:** Kidneys Reproductive system Lungs

**Medical Conditions Aggravated:** Pre-existing: Respiratory conditions Kidney conditions

**Chronic Effects:** Chronic overexposure may cause cancer kidney damage liver damage bone damage (osteosclerosis)

**Cancer / Reproductive Toxicity Information:**

An ingredient of this product is an OSHA listed carcinogen.

Cadmium

An ingredient of this mixture is: IARC Group 2A: Suspected Carcinogen

Cadmium

An ingredient of this mixture is: NTP Listed Group 2A: Suspected Carcinogen

Cadmium

**Additional Cancer / Reproductive Toxicity Information:** Contains: an experimental teratogen.

**Toxicologically Synergistic Products:** None reported

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**4. FIRST AID**

**Eye Contact:** Immediately flush eyes with water for 15 minutes. Call physician.

**Skin Contact (First Aid):** Wash skin with soap and plenty of water. Call physician if irritation develops.

**Ingestion (First Aid):** Administer milk or beaten egg whites at frequent intervals. Induce vomiting using syrup of ipecac or by sticking finger down throat. Never give anything by mouth to an unconscious person. Call physician immediately.

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary. Call physician.

---

**5. FIRE FIGHTING MEASURES**

**Flammable Properties:** Can burn in fire, releasing toxic vapors.
Flash Point: Not applicable
Method: Not applicable
Flammability Limits:
  Lower Explosion Limits: Not applicable
  Upper Explosion Limits: Not applicable
Autoignition Temperature: Not available
Hazardous Combustion Products: Toxic fumes of: cadmium oxide phosphorus oxides sulfur oxides.
Fire / Explosion Hazards: None reported
Static Discharge: None reported.
Mechanical Impact: None reported
Extinguishing Media: Use media appropriate to surrounding fire conditions
Fire Fighting Instruction: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Spill Response Notice:
Only persons properly qualified to respond to an emergency involving hazardous substances may respond to a spill according to federal regulations (OSHA 29 CFR 1910.120(a)(v)) and per your company's emergency response plan and guidelines/procedures. See Section 13, Special Instructions for disposal assistance.
Containment Technique: Stop spilled material from being released to the environment. Releases of this material may contaminate the environment.
Clean-up Technique: Avoid contact with spilled material. Sweep up material. Dispose of material in an E.P.A. approved hazardous waste facility. Decontaminate the area of the spill with a soap solution.
Evacuation Procedure: Evacuate general area (50 foot radius or as directed by your facility's emergency response plan) when: any quantity is spilled. If conditions warrant, increase the size of the evacuation.
Special Instructions (for accidental release): Product is regulated as RCRA hazardous waste.
304 EHS RQ (40 CFR 355): Not applicable
D.O.T. Emergency Response Guide Number: None

7. HANDLING / STORAGE

Handling: Avoid contact with eyes skin clothing Do not breathe dust. Wash thoroughly after handling. Maintain general industrial hygiene practices when using this product. Use with adequate ventilation.
Storage: Protect from: moisture Keep away from: oxidizers powdered metals hydrazoic acid Store between 10° and 25°C.
Flammability Class: Not applicable

8. EXPOSURE CONTROLS / PROTECTIVE EQUIPMENT

Engineering Controls: Use a fume hood to avoid exposure to dust, mist or vapor. Have an eyewash station nearby.
Personal Protective Equipment:
  Eye Protection: safety glasses with top and side shields
  Skin Protection: disposable latex gloves
  Inhalation Protection: laboratory fume hood
Precautionary Measures: Avoid contact with: eyes skin clothing Do not breathe: dust Wash thoroughly after handling. Protect from: moisture Keep away from: oxidizers
TLV: Not established
PEL: Not established

9. PHYSICAL / CHEMICAL PROPERTIES

Appearance: Blue metallic powder
Physical State: Solid
Molecular Weight: Not applicable
Odor: None
pH: 5% solution = 4.2
Vapor Pressure: Not applicable
Vapor Density (air = 1): Not applicable
Boiling Point: Not applicable
Melting Point: decomposes > 200°C
Specific Gravity (water = 1): 2.377
Evaporation Rate (water = 1): Not applicable
Volatile Organic Compounds Content: Not applicable
Partition Coefficient (n-octanol / water): Not applicable
Solubility:
  Water: Partially soluble
  Acid: Partially soluble
  Other: Not determined
Metal Corrosivity:
  Steel: 0.026 in/yr
  Aluminum: 0.017 in/yr

10. STABILITY / REACTIVITY

  Chemical Stability: Stable when stored under proper conditions.
  Conditions to Avoid: Excess moisture
  Reactivity / Incompatibility: Incompatible with: hydrazoic acid oxidizers metals
  Hazardous Decomposition: Heating to decomposition releases toxic and/or corrosive fumes of: sulfur oxides phosphorus oxides cadmium oxide
  Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

  Product Toxicological Data:
    LD50: None reported
    LC50: None reported
  Dermal Toxicity Data: None reported
  Skin and Eye Irritation Data: None reported
  Mutation Data: Cadmium - Cytogenetic analysis - hamster ovary 1 µmol/l
  Reproductive Effects Data: Cadmium: Oral male rat TDLo = 155 mg/kg - 13 weeks pre-mating - effects on newborn growth and behavior; Oral female rat TDLo = 23 mg/kg - 1-22 days after conception - blood and lymphatic system abnormalities
  Ingredient Toxicological Data: Cadmium: Oral rat LD50 = 225 mg/kg, Inhalation rat LC50 = 25 mg/m3/30 min; Sodium Sulfate Oral mouse LD50 = 5989 mg/kg; Potassium Phosphate Monobasic Oral rat LD50 = 7100 mg/kg; Potassium Pyrosulfate Oral rat LD50 = 2340 mg/kg

12. ECOLOGICAL INFORMATION

  Product Ecological Information: --
  No ecological data available for this product.
  Ingredient Ecological Information: --
  No ecological data available for the ingredients of this product.

13. DISPOSAL CONSIDERATIONS
**EPA Waste ID Number:** D006

**Special Instructions (Disposal):** Dispose of material in an E.P.A. approved hazardous waste facility.

**Empty Containers:** Rinse three times with an appropriate solvent. Rinseate from empty containers may contain sufficient product to require disposal as hazardous waste. Dispose of empty container as normal trash.

**NOTICE (Disposal):** These disposal guidelines are based on federal regulations and may be superseded by more stringent state or local requirements. Please consult your local environmental regulators for more information.

### 14. TRANSPORT INFORMATION

**D.O.T.:**

- **D.O.T. Proper Shipping Name:** Not Currently Regulated
- **DOT Hazard Class:** NA
- **DOT Subsidiary Risk:** NA
- **DOT ID Number:** NA
- **DOT Packing Group:** NA

**I.C.A.O.:**

- **I.C.A.O. Proper Shipping Name:** Not Currently Regulated
- **ICAO Hazard Class:** NA
- **ICAO Subsidiary Risk:** NA
- **ICAO ID Number:** NA
- **ICAO Packing Group:** NA

**I.M.O.:**

- **I.M.O. Proper Shipping Name:** Not Currently Regulated
- **I.M.O. Hazard Class:** NA
- **I.M.O. Subsidiary Risk:** NA
- **I.M.O. ID Number:** NA
- **I.M.O. Packing Group:** NA

**Additional Information:** There is a possibility that this product could be contained in a reagent set or kit composed of various compatible dangerous goods. If the item is NOT in a set or kit, the classification given above applies. If the item IS part of a set or kit, the classification would change to the following: UN3316 Chemical Kit, Class 9, PG II or III. If the item is not regulated, the Chemical Kit classification does not apply. ALSO NOTE: If the National Competent Authority declares this product an environmental hazard by Special Provision 909 (IMDG) and Special Provision A97 (IATA) the classification may be UN3077 or UN3082.

### 15. REGULATORY INFORMATION

**U.S. Federal Regulations:**

- **O.S.H.A.:** This product contains Cadmium and is regulated under 29CFR Subpart Z 1910.1027. This product meets the criteria for a hazardous substance as defined in the Hazard Communication Standard. (29 CFR 1910.1200)
- **E.P.A.:**
  - **S.A.R.A. Title III Section 311/312 Categorization (40 CFR 370):** Immediate (Acute) Health Hazard
  - **S.A.R.A. Title III Section 313 (40 CFR 372):** This product contains a chemical(s) subject to the reporting requirements of Section 313 of Title III of SARA.
  - **Cadmium 302 (EHS) TPQ (40 CFR 355):** Not applicable
  - **304 CERCLA RQ (40 CFR 302.4):** Cadmium 10 lbs.
  - **304 EHS RQ (40 CFR 355):** Not applicable
  - **Clean Water Act (40 CFR 116.4):** Not applicable
  - **RCRA:** Contains RCRA regulated substances. See Section 13, EPA Waste ID Number.
**Intended Use:** Determination of nitrate


**Revision Summary:** Updates in Section(s) 14,

**Legend:**
- NA - Not Applicable
- ND - Not Determined
- NV - Not Available
- w/w - weight/weight
- w/v - weight/volume
- v/v - volume/volume

**USER RESPONSIBILITY:** Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

**THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.**

HACH COMPANY ©2009
MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NitriVer ® 3 Nitrite Reagent
Catalog Number: 1407899

Hach Company
P.O.Box 389
Loveland, CO USA 80539
(970) 669-3050

Emergency Telephone Numbers:
(P.O.Box 389 (Medical and Transportation)
(303) 623-5716  24 Hour Service
(970) 669-3050  (515) 232-2533  8am - 4pm CST

MSDS Number: M00055
Chemical Name: Not applicable
CAS No.: Not applicable
Chemical Formula: Not applicable
Chemical Family: Not applicable
Hazard: Causes eye burns.
Date of MSDS Preparation:
Day: 09
Month: February
Year: 2012

2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chromatropic Acid, Disodium salt**

CAS No.: 129-96-4
TSCA CAS Number: 129-96-4
Percent Range: 1.0 - 5.0
Percent Range Units: weight / weight
LD50: Oral rat LD50 > 5000 mg/kg
LC50: None reported
TLV: Not established
PEL: Not established
Hazard: May cause irritation.

**Sodium Sulfanilate**

CAS No.: 515-74-2
TSCA CAS Number: 515-74-2
Percent Range: 5.0 - 15.0
Percent Range Units: weight / weight
LD50: None reported
LC50: None reported
TLV: Not established
PEL: Not established
Hazard: Toxic properties unknown. May cause irritation.

**Potassium Pyrosulfate**

CAS No.: 7790-62-7
TSCA CAS Number: 7790-62-7
Percent Range: 1.0 - 10.0
Percent Range Units: weight / weight
LD50: Oral rat LD50 = 2340 mg/kg
LC50: None reported
3. HAZARDS IDENTIFICATION

Emergency Overview:
   Appearance: White powder
   Odor: Not determined
   CAUSES EYE BURNS MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION

HMIS:
   Health: 3
   Flammability: 0
   Reactivity: 0
   Protective Equipment: X - See protective equipment, Section 8.

NFPA:
   Health: 2
   Flammability: 0
   Reactivity: 0
   Symbol: Not applicable

Potential Health Effects:
   Eye Contact: Causes eye burns.
   Skin Contact: May cause irritation
   Skin Absorption: None reported
   Target Organs: None reported
   Ingestion: May cause: irritation of the mouth and esophagus Very large doses may cause: gastrointestinal disturbances cardiac depression kidney damage
   Target Organs: Heart Kidneys
   Inhalation: May cause: irritation of nose and throat
   Target Organs: None reported
   Medical Conditions Aggravated: Pre-existing: Eye conditions Kidney conditions Central nervous system diseases
   Chronic Effects: None reported
   Cancer / Reproductive Toxicity Information:
   This product does NOT contain any OSHA listed carcinogens.
   This product does NOT contain any IARC listed chemicals.
   This product does NOT contain any NTP listed chemicals.
   Additional Cancer / Reproductive Toxicity Information: None reported
   Toxicologically Synergistic Products: None reported
4. FIRST AID

**Eye Contact:** Immediately flush eyes with water for 15 minutes. Call physician.

**Skin Contact (First Aid):** Wash skin with soap and plenty of water. Call physician if irritation develops.

**Ingestion (First Aid):** Do not induce vomiting. Give 1-2 glasses of water. Call physician immediately. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. Give artificial respiration if necessary. Call physician.

5. FIRE FIGHTING MEASURES

**Flammable Properties:** During a fire, this product decomposes to form toxic gases.

**Flash Point:** Not applicable

**Method:** Not applicable

**Flammability Limits:**
- **Lower Explosion Limits:** Not applicable
- **Upper Explosion Limits:** Not applicable

**Autoignition Temperature:** Not applicable

**Hazardous Combustion Products:** Toxic fumes of: phosphorus oxides carbon monoxide, carbon dioxide.

**Fire / Explosion Hazards:** None reported

**Static Discharge:** None reported.

**Mechanical Impact:** None reported

**Extinguishing Media:** Use media appropriate to surrounding fire conditions

**Fire Fighting Instruction:** As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

**Spill Response Notice:** Only persons properly qualified to respond to an emergency involving hazardous substances may respond to a spill according to federal regulations (OSHA 29 CFR 1910.120(a)(v)) and per your company's emergency response plan and guidelines/procedures. See Section 13, Special Instructions for disposal assistance. Outside of the US, only persons properly qualified according to state or local regulations should respond to a spill involving chemicals.

**Containment Technique:** Stop spilled material from being released to the environment.

**Clean-up Technique:** Scoop up spilled material into a large beaker and dissolve with water. Adjust to a pH between 6 and 9 with an alkali, such as soda ash or sodium bicarbonate. Flush the spilled material to the drain with a large excess of water.

**Evacuation Procedure:** Evacuate local area (15 foot radius or as directed by your facility's emergency response plan) when: any quantity is spilled.

**Special Instructions (for accidental release):** Not applicable

**304 EHS RQ (40 CFR 355):** Not applicable

**D.O.T. Emergency Response Guide Number:** None

7. HANDLING / STORAGE

**Handling:** Avoid contact with eyes skin Do not breathe dust. Wash thoroughly after handling. Maintain general industrial hygiene practices when using this product.

**Storage:** Protect from: light heat moisture

**Flammability Class:** Not applicable

8. EXPOSURE CONTROLS / PROTECTIVE EQUIPMENT

**Engineering Controls:** Have an eyewash station nearby. Maintain general industrial hygiene practices when using this product.

**Personal Protective Equipment:**
- **Eye Protection:** safety glasses with top and side shields
- **Skin Protection:** disposable latex gloves lab coat
- **Inhalation Protection:** adequate ventilation

**Precautionary Measures:** Avoid contact with: eyes skin Do not breathe: dust Wash thoroughly after handling. Protect from: light heat moisture
9. PHYSICAL / CHEMICAL PROPERTIES

Appearance: White powder
Physical State: Solid
Molecular Weight: Not applicable
Odor: Not determined
pH: of 5% solution = 3.2
Vapor Pressure: Not applicable
Vapor Density (air = 1): Not applicable
Boiling Point: Not applicable
Melting Point: 224°C (435°F)
Specific Gravity/Relative Density (water = 1; air = 1): 3.12
Evaporation Rate (water = 1): Not applicable
Volatile Organic Compounds Content: Not applicable
Partition Coefficient (n-octanol / water): Not applicable
Solubility:
  Water: Soluble
  Acid: Not determined
  Other: Not determined
Metal Corrosivity:
  Steel: 0.057 in/yr
  Aluminum: 0.00 in/yr

10. STABILITY / REACTIVITY

Chemical Stability: Stable when stored under proper conditions.
Conditions to Avoid: Excess moisture Extreme temperatures
Reactivity / Incompatibility: None reported
Hazardous Decomposition: Toxic fumes of: phosphorus oxides carbon dioxide carbon monoxide
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Product Toxicological Data:
  LD50: None reported
  LC50: None reported
Dermal Toxicity Data: None reported
Skin and Eye Irritation Data: None reported
Mutation Data: None reported
Reproductive Effects Data: None reported
Ingredient Toxicological Data: Chromatropic Acid: Oral rat LD50: >5000 mg/kg, Potassium Phosphate Monobasic: Oral rat LD50 = 7100 mg/kg, Potassium Pyrosulfate: Oral rat LD50 = 2340 mg/kg

12. ECOLOGICAL INFORMATION

Product Ecological Information: --
  No ecological data available for this product. Mobility in soil: No data available
Ingredient Ecological Information: Sodium Sulfanilate: pimephales promelas 96hr LC50 = 100.4 mg/l; Daphnia magna 48hr EC50 = 85.66 mg/l; Scenedesmus subspicatus 72hr EC50 = 91mg/l. Potassium Pyrosulfate: Oncorhynchus mykiss 96 hr LC50 = 420 mg/L; Daphnia magna 48 hr EC50 = 140 mg/L

13. DISPOSAL CONSIDERATIONS

EPA Waste ID Number: None
Special Instructions (Disposal): Dilute material with excess water making a weaker than 5% solution. Adjust to a pH between 6 and 9 with an alkali, such as soda ash or sodium bicarbonate. Open cold water tap completely, slowly pour the reacted material to the drain.
**Empty Containers:** Rinse three times with an appropriate solvent. Dispose of empty container as normal trash.

**NOTICE (Disposal):** These disposal guidelines are based on federal regulations and may be superseded by more stringent state or local requirements. Please consult your local environmental regulators for more information.

### 14. TRANSPORT INFORMATION

- **D.O.T.:**
  - **DOT Proper Shipping Name:** Not Currently Regulated
  - **DOT Hazard Class:** NA
  - **DOT Subsidiary Risk:** NA
  - **DOT ID Number:** NA
  - **DOT Packing Group:** NA

- **I.C.A.O.:**
  - **I.C.A.O. Proper Shipping Name:** Not Currently Regulated
  - **ICAO Hazard Class:** NA
  - **ICAO Subsidiary Risk:** NA
  - **ICAO ID Number:** NA
  - **ICAO Packing Group:** NA

- **I.M.O.:**
  - **I.M.O. Proper Shipping Name:** Not Currently Regulated
  - **I.M.O. Hazard Class:** NA
  - **I.M.O. Subsidiary Risk:** NA
  - **I.M.O. ID Number:** NA
  - **I.M.O. Packing Group:** NA

**Additional Information:** There is a possibility that this product could be contained in a reagent set or kit composed of various compatible dangerous goods. If the item is NOT in a set or kit, the classification given above applies. If the item is part of a set or kit, the classification would change to the following: UN3316 Chemical Kit, Class 9, PG II or III. If the item is not regulated, the Chemical Kit classification does not apply.

### 15. REGULATORY INFORMATION

**U.S. Federal Regulations:**
- **O.S.H.A.:** This product meets the criteria for a hazardous substance as defined in the Hazard Communication Standard. (29 CFR 1910.1200)
- **E.P.A.:**
  - **S.A.R.A. Title III Section 311/312 Categorization (40 CFR 370):** Immediate (Acute) Health Hazard
  - **S.A.R.A. Title III Section 313 (40 CFR 372):** This product does NOT contain any chemical subject to the reporting requirements of Section 313 of Title III of SARA.
  - **302 (EHS) TPQ (40 CFR 355):** Not applicable
  - **304 CERCLA RQ (40 CFR 302.4):** Not applicable
  - **304 EHS RQ (40 CFR 355):** Not applicable
  - **Clean Water Act (40 CFR 116.4):** Not applicable
  - **RCRA:** Contains no RCRA regulated substances.
- **C.P.S.C.:** Not applicable

**State Regulations:**
- **California Prop. 65:** No Prop. 65 listed chemicals are present in this product.
- **Identification of Prop. 65 Ingredient(s):** None
- **California Perchlorate Rule CCR Title 22 Chap .33:** No

**Trade Secret Registry:** Not applicable

**National Inventories:**
- **U.S. Inventory Status:** This product contains a chemical(s) exempt from the TSCA 8(b) Inventory due to a Low Volume Exemption held by Hach Company.
- **TSCA CAS Number:** Not applicable
  - 1,2-Cyclohexanediaminetetraacetic Acid Trisodium Salt. This chemical may only be used as a chelating reagent for chemical reactions.

### 16. OTHER INFORMATION
Intended Use: Laboratory Reagent Determination of nitrite


Revision Summary: Substantial revision to comply with EU Reg 1272/2008, Reg 1907/2006 and UN GHS (ST/SG/AC.10/36/Add.3).

Legend:
NA - Not Applicable w/w - weight/weight
ND - Not Determined w/v - weight/volume
NV - Not Available v/v - volume/volume

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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