SECTION 1: Identification

1.1. Identification
Product form : Mixtures
Product name : Lead AA Standard, 1000 ppm
Product code : LC16130

1.2. Recommended use and restrictions on use
Use of the substance/mixture : For laboratory and manufacturing use only.
Recommended use : Laboratory chemicals
Restrictions on use : Not for food, drug or household use

1.3. Supplier
LabChem Inc
Jackson's Pointe Commerce Park Building 1000, 1010 Jackson's Pointe Court
Zelienople, PA 16063 - USA
T 412-826-5230 - F 724-473-0647
info@labchem.com - www.labchem.com

1.4. Emergency telephone number
Emergency number : CHEMTREC: 1-800-424-9300 or 011-703-527-3887

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification
Corrosive to metals H290 May be corrosive to metals
Category 1
Skin corrosion/irritation H314 Causes severe skin burns and eye damage
Category 1B
Serious eye damage/eye irritation Category 1 H318 Causes serious eye damage
Carcinogenicity Category 2 H351 Suspected of causing cancer
Reproductive toxicity Category 1A H360 May damage fertility or the unborn child

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labeling
Hazard pictograms (GHS-US) :

GHS05  GHS08

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) : H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage
H351 - Suspected of causing cancer
H360 - May damage fertility or the unborn child

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P234 - Keep only in original container
P260 - Do not breathe mist, spray, vapors
P264 - Wash exposed skin thoroughly after handling
P280 - Wear protective gloves, eye 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
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a poison center or doctor/physician
P363 - Wash contaminated clothing before reuse
2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification: None.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS-No.) 7732-18-5</td>
<td>97.82</td>
<td>Not classified</td>
</tr>
<tr>
<td>Nitric Acid, 70% w/w</td>
<td>(CAS-No.) 7697-37-2</td>
<td>2.02</td>
<td>Ox. Liq. 3, H272, Met. Corr. 1, H290, Skin Corr. 1A, H314, Eye Dam. 1, H318</td>
</tr>
<tr>
<td>Lead (II) Nitrate</td>
<td>(CAS-No.) 10099-74-8</td>
<td>0.16</td>
<td>Carc. 1B, H350</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. Suspected of causing cancer. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

First-aid measures after skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.

First-aid measures after eye contact: 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.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects: May damage fertility. May damage the unborn child. Cancer suspected agent. Causes severe skin burns and eye damage. May damage fertility or the unborn child.

Symptoms/effects after inhalation: Possible inflammation of the respiratory tract.

Symptoms/effects after skin contact: Yellow skin. Caustic burns/corrosion of the skin.

Symptoms/effects after eye contact: Causes serious eye damage.


4.3. Immediate medical attention and special treatment, if necessary

Obtain medical assistance. Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard: Not flammable.

Explosion hazard: Not applicable.

Reactivity: Thermal decomposition generates: Corrosive vapors.
5.3. Special protective equipment and precautions for fire-fighters

**Firefighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

---

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**6.1.1. For non-emergency personnel**

**Protective equipment:** Gloves. Safety glasses.

**Emergency procedures:** Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

**Protective equipment:** Equip cleanup crew with proper protection.

**Emergency procedures:** Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Absorb spillage to prevent material damage.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

---

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Additional hazards when processed:** May be corrosive to metals.

**Precautions for safe handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mist, spray, vapors. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**Hygiene measures:** Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Technical measures:** Comply with applicable regulations.

**Storage conditions:** Keep only in the original container in a cool, well ventilated place away from incompatible materials. Keep container closed when not in use.

**Incompatible products:** amines. metals. Strong bases. Strong acids.

**Incompatible materials:** Sources of ignition. Direct sunlight.

**Packaging materials:** Store in a corrosion resistant container with a resistant inner liner.

---

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Lead (II) Nitrate (10099-74-8)**

<table>
<thead>
<tr>
<th>Standard/Regulation</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA (mg/m³)</td>
<td>0.05 mg/m³ (Lead, inorganic compounds, as Pb; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>0.05 mg/m³</td>
</tr>
<tr>
<td>IDLH (mg/m³)</td>
<td>100 mg/m³ as Pb</td>
</tr>
<tr>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>0.05 mg/m³</td>
</tr>
</tbody>
</table>

**Nitric Acid, 70% w/w (7697-37-2)**

<table>
<thead>
<tr>
<th>Standard/Regulation</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA (ppm)</td>
<td>2 ppm (Nitric acid; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)</td>
</tr>
<tr>
<td>ACGIH STEL (ppm)</td>
<td>4 ppm (Nitric acid; USA; Short time value; TLV - Adopted Value)</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>5 mg/m³</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (ppm)</td>
<td>2 ppm</td>
</tr>
</tbody>
</table>
### Lead AA Standard, 1000 ppm

Safety Data Sheet

generated from Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Nitric Acid, 70% w/w (7697-37-2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IDLH</strong></td>
</tr>
<tr>
<td>NIOSH</td>
</tr>
<tr>
<td>NIOSH</td>
</tr>
<tr>
<td>NIOSH</td>
</tr>
<tr>
<td>NIOSH</td>
</tr>
</tbody>
</table>

**Water (7732-18-5)**

Not applicable

### 8.2. Appropriate engineering controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

### 8.3. Individual protection measures/Personal protective equipment

**Personal protective equipment:**

- Hand protection:
  - Wear protective gloves
- Eye protection:
  - Chemical goggles or face shield

**Skin and body protection:**

- Wear suitable protective clothing

**Respiratory protection:**

- Respiratory protection not required in normal conditions

**Other information:**

- Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

- Physical state: Liquid
- Appearance: Clear, colorless liquid
- Color: Colorless
- Odor: Characteristic
- Odor threshold: No data available
- pH: No data available
- Melting point: No data available
- Freezing point: No data available
- Boiling point: No data available
- Flash point: No data available
- Relative evaporation rate (butyl acetate=1): No data available
- Flammability (solid, gas): Non flammable
- Vapor pressure: No data available
- Relative vapor density at 20 °C: 0.7
Lead AA Standard, 1000 ppm
Safety Data Sheet

Relative density: No data available
Specific gravity / density: 1 g/ml
Solubility: No data available
Log Pow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosion limits: No data available
Explosive properties: Not applicable.
Oxidizing properties: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Thermal decomposition generates: Corrosive vapors.

10.2. Chemical stability
Not established.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
amines. Strong acids. Strong bases. metals. May be corrosive to metals.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure: Skin and eye contact
Acute toxicity: Not classified

Lead (II) Nitrate (10099-74-8)

<table>
<thead>
<tr>
<th>Route</th>
<th>Toxicity Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral</td>
<td>4665 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Read-across; 5610 mg/kg bodyweight; Rat; Equivalent or similar to OECD 401; Read-across)</td>
</tr>
<tr>
<td>Water (7732-18-5)</td>
<td></td>
</tr>
<tr>
<td>LD50 oral</td>
<td>≥ 90000 mg/kg</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>90000 mg/kg body weight</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Causes severe skin burns and eye damage.
Serious eye damage/irritation: Causes serious eye damage.
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Suspected of causing cancer.

Lead (II) Nitrate (10099-74-8)

IARC group 2A - Probably carcinogenic to humans

Reproductive toxicity: May damage fertility or the unborn child.
Specific target organ toxicity – single exposure: Not classified
Specific target organ toxicity – repeated exposure: Not classified
**Lead AA Standard, 1000 ppm**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Aspiration hazard</th>
<th>: Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potential Adverse human health effects and symptoms</td>
<td>: Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Symptoms/effects after inhalation</td>
<td>: Possible inflammation of the respiratory tract.</td>
</tr>
<tr>
<td>Symptoms/effects after skin contact</td>
<td>: Yellow skin. Caustic burns/corrosion of the skin.</td>
</tr>
<tr>
<td>Symptoms/effects after eye contact</td>
<td>: Causes serious eye damage.</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th><strong>Lead AA Standard, 1000 ppm</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>250 mg/l</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lead (II) Nitrate (10099-74-8)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>0.3 mg/l (LC50; 48 h)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>7.48 mg/l (TLm; 96 h)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>0.14 mg/l (EC50)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Nitric Acid, 70% w/w (7697-37-2)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>180 mg/l (EC50; 48 h)</td>
</tr>
<tr>
<td>LC50 fish 2</td>
<td>72 ppm (LC50; 96 h)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>&gt; 19 mg/l (EC0)</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

<table>
<thead>
<tr>
<th><strong>Lead AA Standard, 1000 ppm</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lead (II) Nitrate (10099-74-8)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Biodegradability: not applicable. Adsorbs into the soil.</td>
</tr>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>ThOD</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Nitric Acid, 70% w/w (7697-37-2)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Biodegradability: not applicable. No test data on mobility of the components available.</td>
</tr>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>ThOD</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Water (7732-18-5)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th><strong>Lead AA Standard, 1000 ppm</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>Bioaccumable. Not established.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Lead (II) Nitrate (10099-74-8)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>Bioaccumulable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Nitric Acid, 70% w/w (7697-37-2)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF fish 1</td>
<td>&lt;= 1 (BCF)</td>
</tr>
<tr>
<td>Log Pow</td>
<td>-2.3 (OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method)</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Bioaccumulation: not applicable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Water (7732-18-5)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established.</td>
</tr>
</tbody>
</table>
12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Effect on the global warming : No known effects from this product.
GWPmix comment : No known effects from this product.
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations
13.1. Disposal methods
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information
Department of Transportation (DOT)
In accordance with DOT
Transport document description : UN3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid), 8, II
UN-No.(DOT) : UN3264
Proper Shipping Name (DOT) : Corrosive liquid, acidic, inorganic, n.o.s.
Nitric Acid
Transport hazard class(es) (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136
Packing group (DOT) : II - Medium Danger
Hazard labels (DOT) : 8 - Corrosive

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Symbols : G - Identifies PSN requiring a technical name
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 °C (1.1 bar at 122 °F), or 130 kPa at 55 °C (1.3 bar at 131 °F) are authorized.
T11 - 6 178.274(d)(2) Normal............. 178.275(d)(3)
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image)
Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 °C (59 F) and 50 °C (122 F), respectively.
TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L
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DOT Vessel Stowage Location: B - (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

DOT Vessel Stowage Other: 40 - Stow “clear of living quarters”
Other information: No supplementary information available.

SECTION 15: Regulatory information

15.1. US Federal regulations

Lead AA Standard, 1000 ppm
SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Nitric Acid, 70% w/w CAS-No. 7697-37-2 2.02%

Lead (II) Nitrate (10099-74-8)
RQ (Reportable quantity, section 304 of EPA's List of Lists): 10 lb
SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard Reactive hazard

Nitric Acid, 70% w/w (7697-37-2)
RQ (Reportable quantity, section 304 of EPA's List of Lists): 1000 lb
SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard

15.2. International regulations

CANADA
Lead (II) Nitrate (10099-74-8)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations
No additional information available

National regulations

Lead (II) Nitrate (10099-74-8)
Listed on the Canadian IDL (Ingredient Disclosure List)

15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

Lead (II) Nitrate (10099-74-8)

<table>
<thead>
<tr>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Revision date: 11/07/2017
Lead AA Standard, 1000 ppm
Safety Data Sheet

Other information: None.

Full text of H-phrases: see section 16:

<table>
<thead>
<tr>
<th>H272</th>
<th>May intensify fire; oxidizer</th>
</tr>
</thead>
<tbody>
<tr>
<td>H290</td>
<td>May be corrosive to metals</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>H360</td>
<td>May damage fertility or the unborn child</td>
</tr>
</tbody>
</table>

NFPA health hazard: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard: 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.

Hazard Rating:
- Health: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
- Flammability: 0 Minimal Hazard - Materials that will not burn
- Physical: 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

Personal protection: C
- Safety glasses, Gloves, Synthetic apron

SDS US LabChem

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