## SECTION 1: Identification

### 1.1. Product identifier

- **Product name**: 2-METHYL-3-BUTENENITRILE, tech-95
- **Product code**: ENEM2120
- **Product form**: Substance
- **Physical state**: Liquid
- **Formula**: C5H7N
- **Synonyms**: ALLYL CYANIDE; VINYLACETONITRILE
- **Chemical family**: ORGANONITRILE

### 1.2. Recommended use of the chemical and restrictions on use

- **Recommended use**: Chemical intermediate
  - For research and industrial use only

### 1.3. Details of the supplier of the safety data sheet

**GELEST, INC.**

11 East Steel Road  
Morrisville, PA 19067  
USA  
T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST  
info@gelest.com - www.gelest.com

### 1.4. Emergency telephone number

**Emergency number**: CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS-US classification**

- Flammable liquids Category 2: H225
- Acute toxicity (oral) Category 3: H301
- Acute toxicity (dermal) Category 3: H311
- Acute toxicity (inhalation/vapor) Category 3: H331

*Full text of H statements: see section 16*

### 2.2. Label elements

**GHS-US labeling**

- **Hazard pictograms (GHS-US)**: ![GHS02](image) ![GHS06](image)

- **Signal word (GHS-US)**: Danger
- **Hazard statements (GHS-US)**:  
  - H225 - Highly flammable liquid and vapor  
  - H301 - Toxic if swallowed, in contact with skin or if inhaled
- **Precautionary statements (GHS-US)**:  
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection  
  - P210 - Keep away from heat, open flames, sparks. - No smoking  
  - P240 - Ground/Bond container and receiving equipment  
  - P241 - Use explosion-proof electrical equipment  
  - P242 - Use only non-sparking tools  
  - P243 - Take precautionary measures against static discharge  
  - P261 - Avoid breathing vapors  
  - P264 - Wash hands thoroughly after handling  
  - P270 - Do not eat, drink or smoke when using this product  
  - P271 - Use only outdoors or in a well-ventilated area  
  - P330 - Rinse mouth  
  - P301+P310 - If swallowed: Immediately call a doctor  
  - P303+P361+P353 - If on skin (or hair): take off immediately all contaminated clothing. rinse skin with water/shower  
  - P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
  - P312 - Call a doctor if you feel unwell  
  - P321 - Specific treatment (see first aid instructions on this label)  
  - P361 - Take off immediately all contaminated clothing
2-METHYL-3-BUTENENITRILE, tech-95
Safety Data Sheet

2.3. Hazards not otherwise classified (HNOC)

Other hazards not contributing to the classification: Gelested recommended TLV 10ppm 8 Hr. TWA.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Substance type: Multi-constituent
Name: 2-METHYL-3-BUTENENITRILE, tech-95
CAS No: 16529-56-9

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
</table>
| 2-Methyl-3-butenenitrile  | (CAS No) 16529-56-9 | 75 - 100 | Flam. Liq. 2, H225  
Acute Tox. 3 (Oral), H301  
Acute Tox. 3 (Dermal), H311  
Acute Tox. 3 (Inhalation: vapour), H331 |
| 3-Pentenitrile            | (CAS No) 4635-87-4  | 0 - 15  | Flam. Liq. 3, H226  
Acute Tox. 4 (Oral), H302  
Acute Tox. 2 (Inhalation), H330 |
| 2-Methyl-2-buteniyrile    | (CAS No) 4403-61-6  | 0 - 10  | Flam. Liq. 2, H225  
Acute Tox. 3 (Oral), H301  
Acute Tox. 3 (Dermal), H311  
Acute Tox. 3 (Inhalation), H331 |
| 4-Pentenitrile            | (CAS No) 592-51-8   | 0 - 5   | Flam. Liq. 3, H226  
Acute Tox. 4 (Oral), H302  
Acute Tox. 4 (Dermal), H312  
Acute Tox. 4 (Inhalation), H332 |

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

3.2. Mixtures

Not applicable

4.1. Description of first aid measures

First-aid measures general: Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

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: Wash with plenty of soap and water. Immediately call a poison center or doctor/physician.

First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion: Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause irritation to the respiratory tract.
Symptoms/injuries after skin contact: Toxic in contact with skin. May cause skin irritation. Skin permeation may occur in amounts producing the effects of systemic toxicity.
Symptoms/injuries after eye contact: May cause eye irritation.
Symptoms/injuries after ingestion: Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
Chronic symptoms: Nitriles may be partially metabolized to cyanide in the body. Symptoms of cyanide exposure include rapid respiration, gasping, headache, drop in blood pressure, vomiting, loss of consciousness and death.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: None known.

P363 - Wash contaminated clothing before reuse
P370+P378 - In case of fire: Use water spray, foam, carbon dioxide, dry chemical to extinguish
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P403+P235 - Keep in a cool place
P405 - Store locked up
P501 - Dispose of contents/container to licensed waste disposal facility
5.2. Special hazards arising from the substance or mixture

Fire hazard: Highly flammable liquid and vapor. Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

Explosion hazard: May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray to cool exposed surfaces.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapor and mist.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Eliminate every possible source of ignition. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

Protective equipment: Wear protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

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

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it. Use only non-sparking tools.

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: Handle empty containers with care because residual vapors are flammable. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Precautions for safe handling: Avoid all eye and skin contact and do not breathe vapor and mist. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area. Use only non-sparking tools.

Hygiene measures: Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical equipment.

Storage conditions: Keep container tightly closed. Keep in a cool place.


Storage area: Store in a well-ventilated place. Store away from heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls: Handle in an enclosing hood with exhaust ventilation.

Personal protective equipment: Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection: Neoprene or nitrile rubber gloves.

Eye protection: Chemical goggles. Contact lenses should not be worn.

Skin and body protection: Wear suitable protective clothing.
Respiratory protection: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified combination organic vapor - amine gas (brown cartridge) respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear liquid.</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>81.11 g/mol</td>
</tr>
<tr>
<td>Color</td>
<td>Amber.</td>
</tr>
<tr>
<td>Odor</td>
<td>Distinct.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>Refractive index</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>~ 1</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>&lt; 0 °C</td>
</tr>
<tr>
<td>Boiling point</td>
<td>124 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>15 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Highly flammable liquid and vapor</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>13.1 mm Hg @ 13 °C</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.82</td>
</tr>
<tr>
<td>VOC content</td>
<td>&lt; 40 %</td>
</tr>
<tr>
<td>Solubility</td>
<td>Slightly. Soluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable when stored in sealed containers.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Heat. Open flame. Sparks.

10.5. Incompatible materials


10.6. Hazardous decomposition products

Organic amine vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects


<table>
<thead>
<tr>
<th>Compound</th>
<th>Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-METHYL-3-BUTENENITRILE, tech-95 (16529-56-9)</td>
<td></td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>175.121 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>407.585 mg/kg body weight</td>
</tr>
</tbody>
</table>
# 2-METHYL-3-BUTENENITRILE, tech-95

## Safety Data Sheet

### 2-METHYL-3-BUTENENITRILE, tech-95 (16529-56-9)

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE US (vapors)</td>
<td>3.000 mg/l/4h</td>
</tr>
</tbody>
</table>

### 2-Methyl-3-butenenitrile (16529-56-9)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>232 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>482 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>3000 ppm/4h</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>232.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>482.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (gases)</td>
<td>3000.000 ppmV/4h</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>3.000 mg/l/4h</td>
</tr>
</tbody>
</table>

### 3-Pentenitrile (4635-87-4)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 inhalation rat</td>
<td>242 ppm/4h</td>
</tr>
<tr>
<td>LDLo inhalation rat</td>
<td>300 mg/kg</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>500.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (gases)</td>
<td>100.000 ppmV/4h</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>0.500 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>0.050 mg/l/4h</td>
</tr>
</tbody>
</table>

### 2-Methyl-2-butenenitrile (4403-61-6)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 inhalation rat</td>
<td>242 ppm/4h</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>100.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>300.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (gases)</td>
<td>700.000 ppmV/4h</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>3.000 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>0.500 mg/l/4h</td>
</tr>
</tbody>
</table>

### 4-Pentenitrile (592-51-8)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 inhalation rat</td>
<td>2550 ppm/4h</td>
</tr>
<tr>
<td>LDLo inhalation rat</td>
<td>2250 mg/kg</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>500.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>1100.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (gases)</td>
<td>4500.000 ppmV/4h</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>11.000 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>1.500 mg/l/4h</td>
</tr>
</tbody>
</table>

### Skin corrosion/irritation

- Not classified

### Serious eye damage/irritation

- Not classified

### Respiratory or skin sensitization

- Not classified

### Germ cell mutagenicity

- Not classified

### Carcinogenicity

- Not classified

None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen

### Reproductive toxicity

- Not classified

### Specific target organ toxicity – single exposure

- Not classified

### Specific target organ toxicity – repeated exposure

- Not classified

### Aspiration hazard

- Not classified

### Symptoms/Injuries after inhalation

- May cause irritation to the respiratory tract.

### Symptoms/Injuries after skin contact

- Toxic in contact with skin. May cause skin irritation. Skin permeation may occur in amounts producing the effects of systemic toxicity.

### Symptoms/Injuries after eye contact

- May cause eye irritation.

### Symptoms/Injuries after ingestion

- Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

### Chronic symptoms

- Nitriles may be partially metabolized to cyanide in the body. Symptoms of cyanide exposure include rapid respiration, gasping, headache, drop in blood pressure, vomiting, loss of consciousness and death.

### Reason for classification

- Expert judgment
SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Other adverse effects: This substance may be hazardous to the environment.
Effect on ozone layer: No additional information available
Effect on the global warming: No known effects from this product.
GWPmix comment: No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Sewage disposal recommendations: Do not dispose of waste into sewer.
Waste disposal recommendations: May be incinerated. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.
Additional information: Handle empty containers with care because residual vapors are flammable.
Ecology - waste materials: Avoid release to the environment.

SECTION 14: Transport information

14.1. UN number
UN-No.(DOT) : 1992
DOT NA no.: UN1992

14.2. UN proper shipping name
Transport document description: UN1992 Flammable liquids, toxic, n.o.s. (2-METHYL-3-BUTENENITRILE), 3 (6.1), II
Proper Shipping Name (DOT): Flammable liquids, toxic, n.o.s. (2-METHYL-3-BUTENENITRILE)
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT): II - Medium Danger
Hazard labels (DOT): 3 - Flammable liquid
6.1 - Poison

DOT Packaging Non Bulk (49 CFR 173.xxx): 202
DOT Packaging Bulk (49 CFR 173.xxx): 243
DOT Packaging Exceptions (49 CFR 173.xxx): 150
DOT Symbols: G - Identifies PSN requiring a technical name

14.3. Additional information
Emergency Response Guide (ERG) Number: 131
Other information: No supplementary information available.

Transport by sea
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 - Slow “clear of living quarters”
2-METHYL-3-BUTENENITRILE, tech-95
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Air transport
DOT Quantity Limitations Passenger aircraft/rail : 1 L
(49 CFR 173.27)
DOT Quantity Limitations Cargo aircraft only (49 : 60 L
CFR 175.75)

SECTION 15: Regulatory information
15.1. US Federal regulations

2-Methyl-3-butenenitrile (16529-56-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

3-Pentenitrile (4635-87-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-Methyl-2-butenenitrile (4403-61-6)
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

4-Pentenitrile (592-51-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

2-Methyl-3-butenenitrile (16529-56-9)
Listed on the Canadian NDSL (Non-Domestic Substances List)

3-Pentenitrile (4635-87-4)
Listed on the Canadian NDSL (Non-Domestic Substances List)

4-Pentenitrile (592-51-8)
Listed on the Canadian NDSL (Non-Domestic Substances List)

EU-Regulations

2-Methyl-3-butenenitrile (16529-56-9)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

3-Pentenitrile (4635-87-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

2-Methyl-2-butenenitrile (4403-61-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

4-Pentenitrile (592-51-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

2-Methyl-3-butenenitrile (16529-56-9)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Japanese Poisonous and Deleterious Substances Control Law

3-Pentenitrile (4635-87-4)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Korean ECL (Existing Chemicals List)

2-Methyl-2-butenenitrile (4403-61-6)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

15.3. US State regulations
No additional information available

SECTION 16: Other information

Full text of H-phrases:

H225 Highly flammable liquid and vapor
H226 Flammable liquid and vapor
H301 Toxic if swallowed
H302 Harmful if swallowed
2-METHYL-3-BUTENENITRILE, tech-95
Safety Data Sheet

| H311       | Toxic in contact with skin |
| H312       | Harmful in contact with skin |
| H330       | Fatal if inhaled |
| H331       | Toxic if inhaled |
| H332       | Harmful if inhaled |

Abbreviations and acronyms:
- Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemical Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling.

HMIS III Rating

Health: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability: 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC)

Physical: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Prepared by safety and environmental affairs.

Date of issue: 12/28/2016  Version: 1.0

SDS US (GHS HazCom 2012) - Custom
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

The information contained in this document has been gathered from reference materials and/or Gelest, Inc. test data and is to the best knowledge and belief of Gelest, Inc. accurate and reliable. Such information is offered solely for your consideration, investigation and verification. It is not suggested or guaranteed that the hazard precautions or procedures described are the only ones which exist. Gelest, Inc. makes no warranties, express or implied, with respect to the use of such information and assumes no responsibility therefore. Information on this safety data sheet is not intended to constitute a basis for product specifications.

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