extinguish surrounding fire. In case of fire use water spray, dry chemical, carbon dioxide, or appropriate foam.
Autogeneration Temperature: Not applicable.
Flash Point: Not applicable.
(estimated) Health: 1; Flammability: 0; Reactivity: 0
Explosion Limits: Lower: Not available. Upper: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****
General Information: Use proper personal protective equipment as indicated in Section 6.
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusts. Use water spray to disperse the gas/vapor. Provide ventilation.

**** SECTION 7 - HANDLING and STORAGE ****
Handling: Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****
Engineering Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Exposure Limits
Chemical Name: OSHA - AQSH - ANSI - Final PELs

OSHA Vacated PELs:

Personal Protective Equipment

Eyes: Wear appropriate protective eye glasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.134 or European Standard EN166.
Skin: Wear appropriate gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****
Physical State: Solid
Appearance: white
Odor: ammonia-like
pH: 7.10% solution
Vapor Pressure: 1.2105 mm Hg @ 25C
Vapor Density:
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 132 deg C
Decomposition Temperature: Not available.
Solubility: 51.8% @ 68F
Specific Gravity/Density: (H2O=1) 1.32
Molecular Formula: CH4N2
Molecular Weight: 60.048

**** SECTION 10 - STABILITY and REACTIVITY ****
Chemical Stability: Stable under normal conditions and stable.
Conditions to Avoid: Incompatible materials, excess heat.
Incompatibilities with Other Materials:
Reacts with calcium hypochlorite or sodium hypochlorite to form explosive nitrogen trichloride, incompatible with sodium nitrite, gallium chloride, potassium dichromate, sodium dichromate, nitrate, chlorine, phosphorous pentachloride, nitrosyl perchlorate, titanium tetrachloride, and chromyl chloride.

Hazardous Decomposition Products:
- Carbon monoxide, oxides of nitrogen, irritating and toxic fumes and gases, carbon dioxide.
- Hazardous Polymerization: Has not been reported.

### SECTION 11 - TOXICOLOGICAL INFORMATION ****

**RTCS#:**
- CAS # 57-13-6: YR685000
- LD50/LC50:
  - CAS # 57-13-6: Oral, mouse: LD50 = 11 gm/kg; Oral, rat: LD50 = 8471 mg/kg.
- Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
- Epideiology:
  - Specific developmental abnormalities include: musculoskeletal, urogenital and cardiovascular systems.
- Teratogenicity: No information available.
- Reproductive Effects:
  - Human reproductive effects by intraplaental route: fertility effects.
  - Experimental reproductive effects.
- Neurotoxicity: No information available.
- Mutagenicity: No information available.
- Other Studies: No data available.

### SECTION 12 - ECOLOGICAL INFORMATION ****

**Ecotoxicity:** No information found.
- Environmental Fate:
  - Not expected to bioconcentrate, low biodegradation potential.
- Physical/Chemical:
  - No information found.
- Other: No information found.

### SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.

**RCRA D-Series Maximum Concentration of Contaminants:**
- None listed.
**RCRA D-Series Chronic Toxicity Reference Levels:**
- None listed.
**RCRA F-Series:**
- None listed.
**RCRA P-Series:**
- None listed.
**RCRA U-Series:**
- None listed.

### SECTION 14 - TRANSPORT INFORMATION ****

**US DOT:**
- No information available.
**IMO:**
- Not regulated as a hazardous material.
**IATA:**
- Not regulated as a hazardous material.
**RID/ADR:**
- Not regulated as a hazardous material.
**Canadian TDG:**
- No information available.

### SECTION 15 - REGULATORY INFORMATION ****

**US FEDERAL:**
**TSCA:**
- CAS # 57-13-6 is listed on the TSCA inventory.
**Health & Safety Reporting List:**
- None of the chemicals are on the Health & Safety Reporting List.
**Chemical Test Rules:**
- None of the chemicals in this product are under a Chemical Test Rule. Section 12b.
- None of the chemical is listed under TSCA Section 12b.
**TSCA Significant New Use Rule:**
- None of the chemicals in this material have a SNUR under TSCA.
**SARA Section 302 (RC):**
- None of the chemicals in this material have an RC.
**Section 302 (TPQ):**
- None of the chemicals in this product have a TPQ.
**SARA Codes:**
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