SAFETY DATA SHEET

QUICK IER

May be used to comply with OSHA's Hazard Communication Standard.
29CFR 1910. 1200. Standard must be consulted for specific requirements.

UN0431 1.4G ARTICLES PYROTECHNIC

Common Name: (Used on label and list)

SECTION 1

Manufacturer's Name: 08-025

Address: 7041 Darrow Road

City, State & Zip: Hudson, Ohio 44236

Signature of Person Responsible for Preparation (Optional)

Emergency Telephone No. 1-800-255-3924

Other Information Calls: Enroute Inquiry 330-653-5380

Date Prepared: January 1, 2024

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTIFY

Hazardous Component(s) (chemical & common name(s)	% (Optional)	OSHA PEL	ACGIH TL	Other Exposure Limits	CAS NO

CONTAINS PYROTECHNIC COMPOSITIONS AND ARE CLASSIFIED AS ARTICLES, PYROTECHNIC, 1.4G UN#0431 BY THE DEPARTMENT OF TRANSPORTATION.

NO CHEMICAL COMPOSITIONS ARE EXPOSED DURING HANDLING AND STORAGE

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Specific Gravity (H_2O = 1): N/A

Vapor Pressure (mm Hg): N/A

Vapor Density (Air = 1): N/A

Solubility in Water: SLIGHT

Reactivity in Water: N/A

Appearance and Odor: CONTAINED IN CARDBOARD CASING

Melting Point: N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: N/A F. C.

Method Used

Flammable Limits In Air % by Volume: LEL Lower N/A UEL Upper N/A

Auto-Ignition Temperature

Extinguisher Media: DO NOT ATTEMPT TO FIGHT FIRE IN VICINITY - EVACUATE

Special Fire Fighting Procedures: EVACUATE FIRE AREA IMMEDIATELY AND SEEK SHELTER

Unusual Fire and Explosion Hazards: MAY MASS EXPLODE

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability — Unstable ☐ — Conditions to Avoid: OPEN FLAMES, SMOKING OR MOISTURE/FRICTION & IMPACT
Stable ■

Incompatibility (Materials to Avoid): SOAKING WET OR DAMP

Hazardous Decomposition Products: DEVICES WILL EXPLODE IN FIRE SITUATION

Hazardous Polymerization — May Occur ☐ — Will Not Occur ☐ — Conditions to Avoid

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate) 2. Chronic (Delayed Effect): CLORATE OF SODA-ALUMINUM

Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure: N/A

Chemical Listed as Carcinogen or Potential Carcinogen: N/A

National Toxicology Program	I.A.R.C. Monographs	OSHA
Yes ☐ No ■	Yes ☐ No ■	Yes ☐ No ■

Emergency and First Aid Procedures: N/A

ROUTES OF ENTRY

1. Inhalation: NO
2. Eyes: NO
3. Skin: NO
4. Ingestion: NO

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: KEEP COOL AND DRY, AVOID IMPACT, NO SMOKING

Other Precautions: KEEP FIRE AWAY - HANDLE CAREFULLY

Steps to be Taken in Case Material is Released or Spilled: CAUTIOUSLY PICK UP SPILLED DEVICES AND PLACE IN CASE

Waste Disposal Methods (Consult Federal, State and Local Regulations): ANY MISFIRES WILL BE DISPOSED OF PER MANUFACTURER INSTRUCTIONS

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type): N/A

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
OUT DOOR USE ONLY				

Protective Gloves: N/A — Eye Protection: N/A

Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: N/A

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown or does not apply, so indicate.
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EMERGENCY RESPONSE INFORMATION
SPECIAL FIREWORKS (UN0336-FIREWORKS 1.4G)

No chemical components are released during normal handling of shells, storage and transportation. In the event of a vehicle fire that reached the cargo area, the fireworks are likely to ignite. They will burn, spreading burning particles over a limited area. A mass explosion is not expected. Smoke and potentially irritating gases will be produced in such a fire. If the fireworks are spilled as the result of an accident but do not ignite, they can safely be picked up and repackaged with caution. The area should be kept clear of non-essential people while this is being done.

EMERGENCY ACTION

In case of fire, stop traffic, isolate the immediate area and deny entry. Keep non-essential people away. Fire in cargo area can be fought with water spray if necessary, although disposal and site clean up will be simplified if material is allowed to burn. Try to prevent other types of fire from reaching the cargo area.

Self-contained breathing apparatus (SCBA) and structural firefighter's protective clothing will provide some limited protection. Firefighters should retreat if fire approaches cargo area and use unmanned hose holder to direct water spray on fire.

For additional information, call the shipper using the emergency telephone number listed on the shipping papers; if there is no answer; call Chemtel's 24-Hour number 800-255-3924.

FIRE

Truck fire (other than cargo area): Flood with water. Tire fires may re-start. If possible, unhook and separate tractor from trailer. Remove vehicle that is not involved in fire from fire area if you can do so without risk. If cargo area is exposed to heat and flames, direct water spray on outside of container to cool it down. Continue to stray until well after fire is out.

Cargo fire: **DO NOT** move cargo or vehicle if cargo has been exposed to heat. Withdraw from area if and when fire reaches cargo and let fire burn. Use firefighting team to prevent spread of fire to adjacent structures and materials. Promptly isolate the scene by removing all persons from the vicinity of the incident. First, move people out of line-of-sight of the scene and away from windows. Obtain more information from competent authorities listed on the shipping papers.

SPILL OF CARGO

Shut off all ignition sources. There should be no flares, smoking, tools capable of producing sparks, or flames in the vicinity of the spilled material. Cautiously pick up the spilled devices and place them in cardboard cartons.

FIRST AID

Call emergency medical care.
Use first aid treatment according to the nature of the injury.