



MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

- 1.1 Product Name: Self-contained Line Throwing Unit.
- 1.2 Product code: JH7-230-91
- 1.3 Description: Self contained line throwing unit is self container device used for outdoor signalling in distress situations.
- 1.4 Manufactures Name: Manufacturer
Ningbo zhenhua Life saving equipment
co Ltd.
- 1.5 Address: No 111 Yingang Rd
Xizhou, Xiangshan Ningbo
Zhejiang China.
- 1.6 Telephone : +86-574-87896971
- 1.7 Emergency 24hr
service number: +86-574-87896971



Hazard pictogram(s)

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	MASS PER PRODUCT
Potassium Perchlorate	07778-74-7	< 130g
Phenolic Resin	N/A	<40g
Gunpowder	N/A	<4g

SECTION 3 : HAZARD DATA

3.1 General Hazards.

- When fired a rocket projectile together with a rope is forcefully ejected from this product.
- Do not point and fire rocket at people and property
- Keep out of reach of children
- Do not fire in confined spaces
- In its unfired form the product presents no hazard
- Keep product away from extreme heat and sources of ignition.

3.2 Health Hazards

Contains can cause skin, eye and mucous membrane irritation or dermatitis.

- SKIN :Remove clothing and wash exposed areas with soap and water.
- EYES :Flush with water for at least 10 minutes. If symptoms persist seek medical advice.



- INHALATION: remove from further exposure. If symptoms develop i.e. coughing, shortness of breath seek medical attention.
- INGESTION: Make patient drink water. Do not induce vomiting. Seek medical attention at once.

SECTION 4 : FIRE FIGHTING MEASURES

- Flammable properties: burning point: above 600°C
- Auto ignition temperature: >200°C
- Flammability Limits: <300°C
- Extinguishing Agent: Use any fire extinguishing media at early stages of fire. Once the products has ignited it cannot be extinguished.
- Special Fire Fighting Use approved self-contained breathing apparatus. If a large number of Procedures:signals are involved, violent explosion is possible.

SECTION 5: ACCIDENTAL RELEASE MEASURES

- 5.1 Safeguards : Keep product away from sources of ignition
- 5.2 Spillage: Collect all damaged and undamaged products and replace in original packaging for disposal. Loose composition should be treated with dry sand ,carefully swept up and disposed of according to local authority regulations. The area should be then washed with water.
- 5.3 Other Measures: Contact appropriate emergency services.
- 5.4 Disposal : Subject to local authority arrangements.

SECTION 6: HANDLING AND STORAGE

6.1 Handling

- Handle with care.
- Do not attempt to dismantle this product.
- Follow printed instructions on this product at all times.

6.2 Storage

- Store in manufacturers approved packaging in well ventilated area away from the sources of heat or direct sunlight.
- Temperature storage -30 C and +65 C

6.3 Protective Equipment

No protective equipment necessary unless signals have broken open. In that case, those cleaning up should be protected from any dust by approved goggles, gloves and respirators.



SECTION 7: STABILITY AND REACTIVITY

7.1 Stability :	This product is stable under normal conditions
7.2 Incapability :	Solvents, hydrocarbons , petroleum based products.
7.3 Hazardous decomposition:	N/A
7.4 Conditions to avoid:	Extreme heat, keep away from sources of ignition.
7.5 hazardous Polymerisation:	N/A

SECTION 8 : TOXICOLOGICAL INFORMATION

Acute Oral LD 50: No available data	Carcinogenicity: No available data.
Acute Dermal LD 50:No available data	Mutagenicity: No ingredients are known to be mutagens
Acute Inhalation LD : No available data	

SECTION 9: PHYSICAL DATA

Melting point: N/A	pH : N/A
Boiling point: N/A	stability in water: waterproof
Specific gravity: N/A	Evaporation Rate: N/A
Vapour pressure: N/A	Vapour Density: N/A
Solubility in water: N/A	State: Solid

SECTION 10 : TRANSPORT INFORMATION

UN Hazard code : 1.4G
UN Number : 0191
UN Proper Shipping Name: Rocket, Signal.