PainsWessex

WESCOM
Signal & Rescue

Lifesmoke MK9

Item No. 9537000

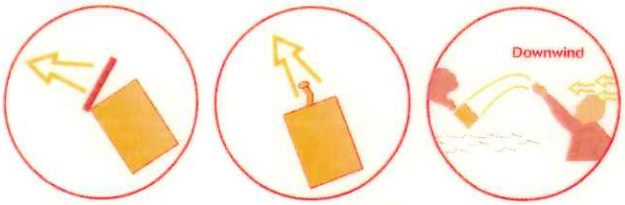
The Lifesmoke MK9 is a compact, daylight distress signal designed to be easy and safe to handle. It provides effective position marking during rescue operations and can be used to indicate wind direction, producing dense orange smoke for a minimum of 3 minutes.

Application

The Pains Wessex Lifesmoke MK9 is a small and compact distress signal for daylight use designed for stowage in liferafts and lifeboats. SOLAS requires 2 smoke signals per raft/boat.

- Signal for position marking during rescue operations
- Indicates wind direction
- Safe use on oil or petrol covered water
- Conforming to SOLAS 74 as amended
- Ideal also for leisure boats

Operation



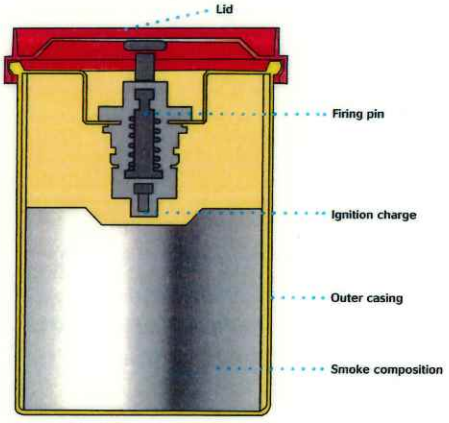
1. Remove plastic cap. Point away from body.
2. Pull tab firmly away from canister. Ensure hand remains clear of HOT END.
3. Throw Lifesmoke overboard immediately. Smoke will be emitted after a 2 second delay.

Packing & Transport Information

- 24 signals in 1 fibreboard box
- Gross weight 9.40 kg (20.72 lb.)
- Net weight 8.90 kg (19.62 lb.)
- Measurements of fibreboard box: 37 x 27 x 27 cm (15 x 11 x 17 in)
- Net Explosive Content per box: 5.736 kg (12.64 lb.)
- Hazard Class 1.4S
- UN 0507
- Proper Shipping Name: Signals, Smoke
- Other Information: Passenger and Cargo Aircraft

Specifications

- Height: 114 mm (4.5 in)
- Diameter: 82 mm (3.2 in)
- Gross Weight Max. 370g (13.05 oz)
- NEC Max. 239g (8.43 oz)
- Burning time: 3 minutes minimum
- Colour of smoke: orange
- Ignition: percussion ignitor with 2 seconds safety delay



Storage

This compact unit is ideally stored in a water-resistant locker at ambient temperature allowing easy access in an emergency or in the robust, specially designed polybottle.

Approvals

Conforms to SOLAS 74 as amended, Res. MSC 81 (70). Approvals: CE 0589, BAM–P1-0191, 0589-P1-0324, BGV MED 423.008, USCG 160.122./21/0, 160.022/21/0 and other major maritime authorities worldwide.

WARNING

- Produces dense orange smoke – do not inhale
- Do not fire in a confined space
- Keep out of reach of children
- Only for emergency use at sea
- If damaged or dented do not use
- Do not dismantle
- Keep away from source of heat
- Do not use after expiry date

DISPOSAL

- Pyrotechnics must be treated as hazardous items and must be disposed of responsibly in accordance with local regulations. For help and advice, visit our website **www.painswessex.com**

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Drew Marine Signal & Safety
The world's leading marine distress signal company

Red Handflare MK8

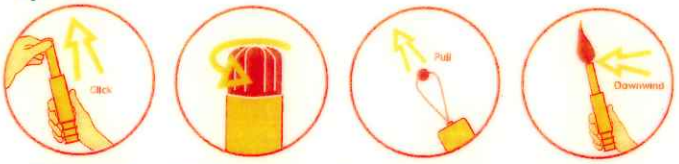
Item No. 9529000

The Handflare MK8 conforms to SOLAS 74 as amended. Designed to withstand exceptional environmental exposure and to perform reliably even after immersion in water. Featuring a telescopic handle with improved grip, making it very compact for stowage. Easily extended for safe handling and operation by pull wire ignitor. Produces hot red flame for 60 seconds at 15000 candela.

Application

For use day or night the Pains Wessex Mk8 red Handflare is a short-range distress signal used to pinpoint position. May be carried on ships bridge and six are required to be fitted in ships lifeboats and liferafts. The handflare is suitable for use on other commercial and recreational boats. Also available is the Pains Wessex White Collision Warn-off Handflare which is for use day or night when a collision danger exists or for the illumination of small areas outside.

Operation



1. Pull out red end until telescopic tube is fully extended and engaged.
2. Unscrew red end cap and point away.
3. Pull ball out sharply to fire.
4. Hold at arms length. Point Downwind. End plug ejects after 2 seconds delay.

Packing & Transport Information

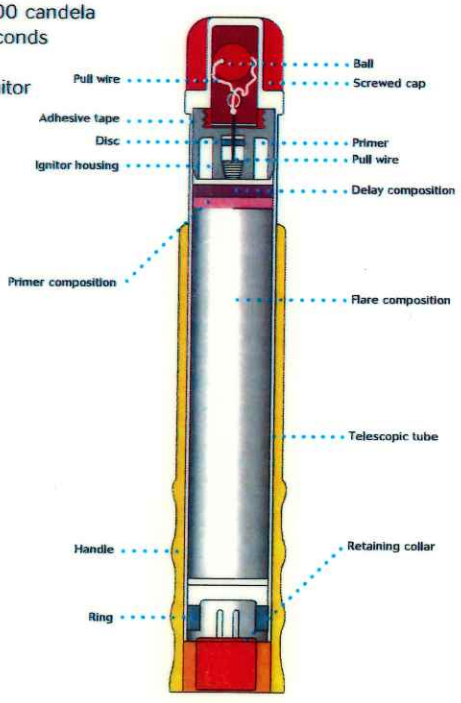
- 100 flares in 1 fibreboard box
- Gross Weight Max: 18.15 kg (40 lbs)
- Net Weight Max: 17.6 kg (38.8 lbs)
- Measurements of fibreboard box: 37 x 27 x 26cm (14.6 x 10.7 x 10.3ins)
- Net Explosive Content per box Max: 6.3 kg (13.89 lbs)
- Hazard Class 1.4G
- UN 0191
- Proper Shipping Name: Signal Devices, Hand
- Other Information: Cargo Aircraft Only

Storage

This compact appliance is ideally stored in a water-resistant locker at ambient temperature allowing easy access in an emergency. The set of 4 appliances normally carried onboard can be dispersed in strategic positions throughout the vessel.

Specifications

- Length: 175mm (6.9ins)
- Length with handle pulled out: 280mm (11ins)
- Diameter: 28mm (1.1ins)
- Weight Max: 176g (6.2 oz)
- Light intensity: 15,000 candela
- Burning time: 60 seconds
- Colour of light: red
- Ignition: pull-wire ignitor
- Net Explosive Content Max.: 63g (2.22 oz)



Approvals

Conforms to: SOLAS 74 as amended, IMO resolution MSC. 81(70) Part 1, (MED) 96/98/EC, BGV 426.005, BAM –P1-0594, 0589-P1-0617, USCG and other major maritime authorities worldwide.

WARNING

- Produces red hot flame - do not point at people
- Do not fire in a confined space
- Keep out of reach of children
- Only for emergency use at sea
- If damaged or dented do not use
- Do not dismantle
- Keep away from source of heat
- Do not use after expiry date

DISPOSAL

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The world's leading marine distress signal company

Para Red Rocket MK8A

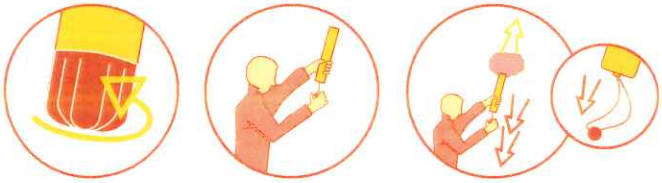
Item No. 9506720

The Pains Wessex Para Red MK8A Rocket conforms to SOLAS 74 as amended. Designed to withstand exceptional environmental exposure and to perform reliably even after immersion in water, the pull wire ignitor and improved grip provides easy handling. Ejecting a red flare on a parachute at 300m (1000ft), burning for 40 seconds at 30,000 candela.

Application

A day or night long-range distress signal. 12 may be carried on ships bridge and there is a requirement for 4 in ships lifeboats and liferafts. Also suitable for use in other commercial and recreational boats.

Operation



1. Hold signal firmly by ribbed handle. Unscrew RED bottom cap. Do not point at people or property.
2. Hold rocket vertically above head pointing away from body.
3. Ensure hands remain clear of top. To fire - pull red ball sharply down.

Packing & Transport Information

- 56 rockets in 2 metal tins in a fibreboard box
- Gross weight 16.4 kg (36.16 lbs)
- Net weight 13.72 kg (30.25 lbs)
- Measurements of fibreboard box: 48 x 27 x 37 cm (18.9 x 10.63 x 14.57 in)
- Net Explosive Content per box Max: 5.152 kg (11.36 lbs)
- Hazard Class 1.4G
- UN 0505
- Proper Shipping Name: Signals, Distress, Ship
- Other Information: Cargo Aircraft Only

Storage

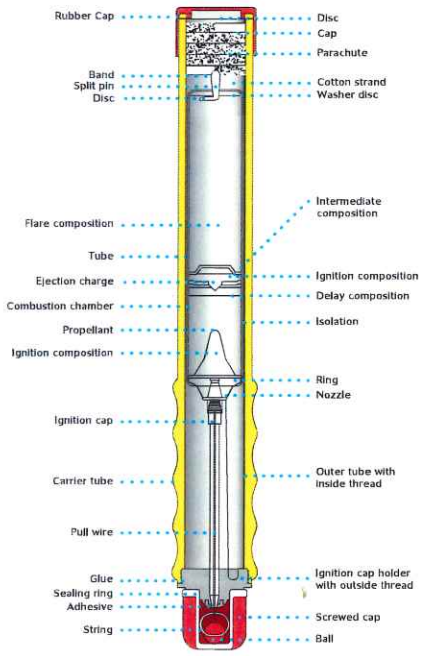
Ideally, should be stored in the robust, specially designed Polybottle, or in a dry, easily accessed location at ambient temperature.

Approvals

Conforms to SOLAS 74 as amended, IMO Resolution 81(70) and 96/98/EC. MED - BGV 425.007 : BAM-P2-0059, 0589-P2-0046, USCG, and other major maritime authorities world wide.

Specifications

- Length: 287 mm (11.3")
- Diameter at handle: 38 mm (1.5")
- Diameter: 32 mm (1.25")
- Weight Max: 245 g (8.23 oz)
- NEC Max: 92 g (3.25 oz)
- Light intensity: 30,000 candela
- Burning time: 40 seconds
- Colour of light: red
- Ignition: pull-wire ignitor
- Altitude: 300 m (985')



WARNING

- Ejects rocket projectile - do not point at people
- Do not fire in a confined space
- Keep out of reach of children
- Only for emergency use at sea
- If damaged or dented do not use
- Do not dismantle
- Keep away from source of heat
- Do not use after expiry date

DISPOSAL

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