MARINE DISTRESS SIGNALS
Reliability. Performance. Compliance

When you specify lifesaving equipment for your vessel, you need to know – beyond any doubt – that it is the most reliable and cost-effective available. With Pains Wessex advanced pyrotechnic marine distress signals, you can be sure you have made the right choice.

The leading light – worldwide

Pains Wessex, a world leading manufacturer of pyrotechnics for the commercial and leisure marine markets, has been saving lives around the globe for more than a century. Our comprehensive range of marine distress signals and safety systems are trusted for their reliability by the world’s navies, lifeboat and rescue services, merchant fleets and airlines, as well as by fishing vessels and leisure craft.

The quality, technological superiority and innovative design of our products – combined with worldwide SOLAS approvals, including MED and USCG, and manufacturing to ISO 9001 standard – has placed Pains Wessex at the forefront of marine safety.

Through our extensive network of specialist distributors, WesCom Signal and Rescue’s range of superior quality distress signals are available, freshly dated, in all major ports around the world.

Full details can be found on the Pains Wessex website.

www.painswessex.com

Linethrower 250

Item Nos: Complete unit 9502000 · Body and line 9500700 · Rocket 9500800

A self-contained line-throwing appliance consisting of a weatherproof plastic casing with end cap, twist-grip trigger assembly, rocket and line. To comply with SOLAS requirements, four complete rocket and line assemblies (Item No. 9502000) should be carried on board. The device has a throwing range of between 230m and 250m. A solid propellant is used which guarantees a highly accurate flight path even in strong sidewinds.

Application

The Pains Wessex 250 is designed for ease of operation in the most extreme weather conditions. It can be used in all situations where a line is required to be passed accurately and quickly, these include:

• All line-throwing operations at sea between vessels, ship-to-shore, shore-to-ship and shore based rescue services.
• Rescue of swimmers in distress.
• Line carrying across obstacles and rough terrain.

Operation

1. Remove the front cover and point in the desired flight direction.
2. Pull out safety pin.
3. Aim over the top of target. Be prepared for recoil.
4. Turn grip to left or right to fire.
5. If misfire occurs hold unit in firing position for at least 60 seconds, then dispose of overboard.

Product Life

• Body and line kit: 9 years  • Rocket 3 years
• Spare rockets are available to replace consumed or time expired rockets.

Packing & Transport Information

Body and Line, less rocket in packing case,
L 37 cm (14.57 in) x W 27 cm (10.63 in) x H 27 cm (10.63 in)
• Gross weight 4.2 kg (9.26 lb.)  • Net weight 3.6 kg (7.94 lb.)
• Other Information: Non-hazardous

20 Spare Rockets in metal tin in a fibreboard box,
L 37 cm (14.57 in) x W 27 cm (10.63 in) x H 27 cm (10.63 in)
• Gross Weight Max: 12.70 kg (27.99 lb.)  • Net Weight Max: 9.40 kg (20.72 lb.)
• Net Explosive Content per box: 2.36 kg (5.2 lb.)
• Hazard class 1.4G   • UN 0431  • Proper shipping name: Articles, Pyrotechnic
• Other Information: Cargo Aircraft Only

Specifications

Projects a line to a nominal range of 250m in calm conditions.

• Length: 33 cm (13.0 in)
• Diameter: 20.5 cm (8.1 in)
• Weight: 4.4 kg (9.7 lb.)
• Rocket Weight Max: 472g (1 lb.)
• Explosive Content Max: 118g (4.16 oz.)
• Line breaking strain: >2 kn

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.

Approvals

Conforms to: BAM-P2-0014, 0589-P2-0016, SOLAS 74 as amended, IMO resolutions MSC. 81(70) Part 1, iMED 96/98/EC, BGV 424-003, SAS 5010912, USCG - and other major maritime authorities worldwide.

WARNING

• Ejects rocket projectile - do not point at people or property
• Do not fire in a confined space
• Keep out of reach of children
• 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

www.painswessex.com · info@wescomsignal.com · Tel: +44 (0) 2392 415700
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.

Specifications
- Length: 287 mm (11.3”) 
- Diameter at handle: 38 mm (1.5”) 
- Diameter: 32 mm (1.25”) 
- Net Weight: Max. 245 g (8.6 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’)

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 ribbon handle. Unscrew RED bottom cap.
2. Do not point at people or property.
3. Hold rocket vertically above head pointing away from body.
4. Ejecting a red flare on a parachute at 300m (1000ft), burning for 40 seconds at 30,000 candela.
5. WARNING: Do not point at people.

Packing & Transport Information
- 56 rockets in 2 metal tins in a fibreboard box 
- Gross weight: 16.3 kg (35.9 lb) 
- Net weight: 13.7 kg (30.2 lb) 
- Measurements of fibreboard box: 47 x 27 x 40 cm (18.5 x 10.6 x 13.8 in) 
- Max. Net Explosive Content per box: Max. 5.152 kg (11.36 lb)
- 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 B.107/00 and 96/98/EC. MED – BGV 425/007 – BAM.P2-0059, 0549-P2-0046, USCG, and other major maritime authorities worldwide.

Manoverboard MK9
Item No. 9537800
The Manoverboard MK9 compact Lifebuoy marker produces dense orange smoke for 15 minutes and features two self-contained, inversion switched, LED lights which far exceed SOLAS requirements. Ships are required to carry 2 markers, one mounted on each bridge wing with the brackets supplied and attached by line to a 4kg Lifebuoy. The signal is used to mark the position of a man overboard by day or night. It can be automatically deployed by releasing the attached lifebuoy, or manually activated.

Specifications
- Height: 375mm (14.76 in) 
- Diameter: 183mm (7.20 in) 
- Weight: 3.3 kg (7.27 lb) 
- Weight – including bracket and angles: 3.85 kg (8.5 lb) 
- Net Explosive Content: 1.287 kg (2.84 lb) 
- Lamps: Bulb/2 x 3.6v 2.0A 
- Temperature range: -30°C to +65°C 
- Burning time: 15 minutes 
- Colour of light: white 
- Duration: 2 candela for 2 hours 
- Use with lifebuoy weighing: 4.0 kg (8.82 lb.) 
- Attach 1000m dry with line: 4m (13.80 ft) 
- Diameter: 95mm (0.37 in) 

Application
1. Day and night signal attached to 4kg lifebuoy and used in an emergency to mark the position of man overboard. 
2. Provides 15 minutes of dense orange smoke. 
3. Far exceeds SOLAS requirements of 2 hours at 2 candela for light output and duration. 
4. Safe to use on petrol or oil covered water. 
5. Lithium batteries sealed for life - no annual replacement. 
6. Screw fit, inversion switched, LED light units. 
7. Automatic or manual deployment. 
9. Approved mounting height: 56m - but manufacturer tested to survive 80m
10. Automatic or manual deployment. 
11. Screw fit, inversion switched, LED lights which far exceed SOLAS requirements. 
12. Far exceeds SOLAS requirements of 2 hours at 2 candela for light bridge wing

Operation
1. Signal and lifebuoy mounted on bridge wing in ready to fire position. 
2. Release locking pin and lifebuoy falls, automatically deploying marker. 
3. Alternatively, manually throw lifebuoy overboard.

Storage
This is a compact unit and is ideally stored in good magazine conditions in an upright position, mounted to its stainless steel bracket in our original packaging. Onboard vessel. Two units are normally required to be carried. Mounted inverted and attached to a lifebuoy. Usually positioned on each bridge wing and need a clear, uninterrupted drop into the water.

Approvals
Conforms to SOLAS 74 as amended, IMO Resolution MSC.81 (70) part 9. Other Information: Cargo Aircraft Only

Storage
This compact unit is ideally stored in good magazine conditions in an upright position, mounted to its stainless steel bracket in our original packaging. Onboard vessel. Two units are normally required to be carried. Mounted inverted and attached to a lifebuoy. Usually positioned on each bridge wing and need a clear, uninterrupted drop into the water.

Approvals
Conforms to SOLAS 74 as amended, IMO Resolution MSC.81 (70) part 9. Other Information: Cargo Aircraft Only

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

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
Lifesmoke MK9

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.

**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

**Application**
- **Operation**: for daylight use designed for stowage in liferafts and lifeboats. SOLAS
- **Conforming to**: SOLAS 74 as amended
- **Safe use on**: oil or petrol covered water
- **Ideal also for**: leisure boats

**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.

**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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Red Handflare MK8

The Pains Wessex Handflare MK8 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 Reboats and Merachts. 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.

**Specifications**
- **Length**: 175mm (6.9 in)
- **Width**: 28mm (1.1 in)
- **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.**: 6.3 kg (13.89 lb.)

**Application**
For use day or night the Pains Wessex red Handflare is suitable for use in small areas outside. 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.**: 176g (6.2 oz)
- **Net Weight Max.**: 176g (6.2 oz)
- **Diameter**: 28mm (1.1 in)
- **Length with handle pulled out**: 280mm (11 in)
- **Net Explosive Content per box Max.**: 6.3 kg (13.89 lb.)
- **100 flares in 1 fibreboard box**
- **Storage**: Ideally, both products 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 MSC. 81/70 Part 1, MED 96/98/EC, BGV 423.008, BAM – P1-0594, 0589-P1-0617, USCG and other major maritime authorities worldwide.

**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
**Day & Night Distress Signal MK8**

Item No. 9559700

Compact, easy to operate, handheld distress signal. Consisting of a red flare at one end and an orange smoke at the other. Housed in a rugged, corrosion and water resistant case.

**Application**

This handheld signal has been designed for personal distress signalling and is ideal for divers, windsurfers, dinghy sailors and small boats operating inshore as well as outdoor pursuits such as mountain climbing and was originally designed for aircrew. Incorporates a red flare 15,000 candela at one end, for use at night and day, and a dense orange smoke at the other for daytime use. Both ends can be fired independently and can be doused in water after firing, allowing the unused end to be stowed until required.

**Operation (identical both ends)**

1. Hold signal firmly by ribbed handle. Unscrew WHITE bottom cap.
2. Remove end cap.
3. Ensure hands remain clear of top. To fire – pull red ball sharply down.
4. Hold rocket vertically above head pointing away from body.
5. Do not point at people or property.
6. Do not dismantle.
7. If damaged or dented do not use.
9. Pyrotechnics must be treated as hazardous items and must be disposed of responsibly in accordance with local regulations.

**Specifications**

- **Length:** 190mm (7.48”)
- **Diameter:** 30mm (1.18”)
- **Weight:** 187g (6.603oz)
- **Net Explosive Content:** 51.49g (1.8 oz)
- **Ignition:** pull-wire ignitor
- **Flare burning time:** 20 seconds
- **Light intensity:** 15,000cd
- **Colour of light:** red
- **Smoke duration:** 18 seconds
- **Colour of smoke:** orange

**Packing & Transport Information**

- 100 signals in fibreboard carton
- Gross weight: 19.3 kg (42.5 lb)
- Net weight: 18.7 kg (41.2 lb)
- Measurements of fibreboard box: 37 x 27 x 27 cm (15 x 11 x 11 in)
- Net Explosive Content per carton: 5.14 kg (11.33 lb)
- Hazard Class: 1.4G
- UN 0191
- Proper Shipping name: Signal Devices, Hand
- 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.

For day or night use only when rescue services are sighted:

1. Select the end to be used – smoke by day, flare at night. Due to its high power the flare also has good visibility by day if required. The Signal has colour coded and ribbed end caps to aid identification at night.
2. Remove end cap.
3. Hold clear of face, point away from body and downwind.
4. To activate pull toggle sharply away from body.

**WARNING**

- Produces red hot flame - do not point at people.
- 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.

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**Parachute Illuminating Rocket MK8**

Item No. 9507550

The Parachute Illuminating Rocket is used in Search and Rescue operations at night or for collision warning. 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. Rocket ejects a white flare at 300m (1000ft), which burns for 30 seconds at 90,000 candela.

**Application**

A day or night collision warning signal, or used at night to illuminate areas for Search and Rescue operations. Suitable for use in commercial vessels, recreational boats and rescue services.

**Operation**

1. Hold signal firmly by ribbed handle. Unscrew WHITE bottom cap.
2. Hold rocket vertically above head pointing away from body.
3. Ensure hands remain clear of top. To fire – pull red ball sharply down.

**Specifications**

- **Length:** 287 mm (11.3 in)
- **Diameter at handle:** 32 mm (1.25 in)
- **Nominal weight:** 260 g (9.17 oz)
- **Net explosive content:** 92 g (3.2 oz)
- **Light intensity:** 90,000 cd (90,000 candlepower)
- **Burning time:** 30 seconds
- **Colour of light:** white
- **Ignition:** pull-wire ignitor
- **Altitude:** 300 m (985 ft)

**Packing & Transport Information**

- **56 rockets in 2 metal tins in a fibreboard box**
- **Gross weight:** 17.2 kg (37.2 lb)
- **Net weight:** 14.6 kg (32.18 lb)
- **Measurements of fibreboard box:** 47.27 x 35 x 35 cm (18.5 x 11.6 x 13.8 in)
- **Net Explosive Content per box:** 5.152 kg (11.36 lb)
- **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**

- Approvals: CE 0589, BAM- P2-0060, BAM 0589-P2-0056

**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
White Handflare MK8

Item No. 9527510

The White Handflare MK8 is for use as a collision warning signal or for illumination of small areas. Designed to withstand exceptional environmental exposure and to perform reliably even after immersion in water. Featuring a unique telescopic handle with improved grip, making it very compact for stowage. Easily extended for safe handling and operation by pull wire ignitor. Produces hot white flame for 60 seconds at 2,500 candela.

Operation

1. Pull out white end until telescopic tube is fully extended and engaged
2. Unscrew white end cap and point away
3. Pull ball out sharply to fire

Specifications

- Length: 175mm (6.9 in)
- Diameter: 28mm (1.1 in)
- Weight: 170g (6.003 oz)
- Burning time: 60 seconds
- Colour of light: white
- Ignition: pull wire ignitor
- Net explosive content: 60g (2.12 oz)

Storage

- Do not store near sources of heat.
- Polybottles, or in a dry, easily accessed location at ambient temperature.

Packing & Transport Information

- Other Information: Cargo Aircraft Only
- Proper Shipping Name: Signal Devices Hand
- UN0191
- Hazard Class 1.4G
- Net Explosive Content per box: 6 kg (13.23 lb.)
- Measurements of fibreboard box: 37 x 27 x 27cm (15 x 11 x 11 in)
- Net weight 17 kg (37.48 lb.)
- Gross weight 17.6 kg (38.80 lb.)
- 100 flares in 1 fibreboard box

Application

For use by day or night as a short-range collision warning signal, to pinpoint position and to illuminate small areas at night. These may be carried on the ship's bridge and are recommended for yachts making night passages. Four white handflares are included in our RORC kits. Also available is the similar red handflare MK8 (Item No. 9529000), which is used to signal distress.

Orange Handsmoke MK8A

Item No. 9539300

The Orange Handsmoke is a hand-held marine distress signal for daytime use to indicate position and wind direction. Produces dense orange smoke for 60 seconds.

Operation

1. Unscrew bottom brown end cap and point away from body
2. To ignite - pull toggle down sharply
3. Hold at arms length, downwind and outboard

Specifications

- Length: 24.3cm (9.57 in)
- Burning Time: 60 seconds
- Diameter: 3.8cm (1.5 in)
- Colour of Smoke: Orange
- Weight Max: 165g (5.82 oz)
- Ignition: Pull - wire ignitor
- Net Explosive Content Max: 55.5g (1.96 oz)

Storage

Should be stored in either the mini or large Polybottle in a dry, easily accessed location at ambient temperature.

WARNING

- Do not use after expiry date
- Keep away from source of heat
- Do not dismantle
- If damaged or dented do not use
- Only for emergency use at sea

DISPOSAL

Pyrrotechnics 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

DISPOSAL

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Issue 3 10/2017
Application
Pains Wessex Personal Distress Signals are designed primarily for use on yachts, dinghies, Personal Water Craft, canoes and sailboards, but have many applications as a general-purpose distress signal for aviation, hill-walking, climbing, skiing and other outdoor pursuits. Each cartridge projects its payload to a height of 50 metres, burns for over 5 seconds at a minimum of 10,000 candela and is visible for at least 5 miles in daylight increasing to 10 miles at night, depending on weather conditions. Operating instructions are on the case.

Operation
1. Open case.
2. Remove penjector from pack.
3. Place trigger in safety catch position.
4. Load the flare cartridge by sliding into slot on penjector.
5. To fire, hold the penjector firmly at arms length above and away from face and body, pull back penjector trigger and release – fire vertically and be prepared for slight recoil and loud report.

Storage
When not carried, the signal should be stored in our robust, specially designed Polybottle, or in a dry location at ambient temperature.

Specifications
- Application: For use in day and night distress signal situations
- Dimensions: 180mm x 58mm x 25mm (7.1 x 2.28 x 1.0 in)
- Explosive content: 42g per pack (1.48oz)
- Weight: 160g (5.6oz)

Packing & Transport Information
- 50 kits per fibreboard carton
- Gross weight: 9.4 kg (20.72 lb)
- Net weight: 8.8 kg (19.40 lb)
- Hazard Class: 1.4G
- Net Explosive Content per carton: 2.1 kg (4.78 lb)
- Measurements of carton: 37 x 27 x 27 cm (15 x 11 x 11 in)
- UN 0312
- Proper Shipping Name: Cartridges, Signal
- Other Information: Cargo Aircraft only
- Do not use after expiry date
- Do not dismantle

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

WARNING
- Ejects projectile – do not point at people or property
- Do not fire in a confined space
- Keep out of reach of children
- Only for emergency use

Item No. 9556650
Personal Distress Signals Miniflare MK8

Pains Wessex Miniflare MK8

Application
Pains Wessex Compact Distress Signals are designed primarily for use on yachts, dinghies, Personal Water Craft, canoes and sailboards, but have many applications as a general-purpose distress signal for aviation, hill-walking, climbing, skiing and other outdoor pursuits. Each cartridge projects its payload to a height of 50 metres, burns for over 5 seconds at a minimum of 10,000 candela and is visible for at least 5 miles in daylight increasing to 10 miles at night, depending on weather conditions. Operating instructions are on the case.

Operation
1. Unscrew base cap.
2. Place trigger in safety catch position.
3. Load the flare cartridge attached to lanyard by sliding into slot on penjector.
4. To fire, hold the penjector firmly at arms length above and away from face and body, pull back penjector trigger and release – fire vertically and be prepared for slight recoil and loud report.

Storage
When not carried, the signal should be stored in our robust, specially designed Polybottle, or in a dry location at ambient temperature.

Specifications
- Application: For use in day and night distress signal situations
- Dimensions: 145mm x 40mm x 25mm (5.7 x 1.6 x 1.0 in)
- Explosive content: 14g per pack (0.49oz)
- Height: 50 metres (164')
- Burning time: 5 seconds
- Light intensity: 10,000 candela
- Weight: 74g (2.6oz)

Packing & Transport Information
- 50 kits per fibreboard carton
- Gross weight: 7.2 kg (15.87 lb)
- Net weight: 6.6 kg (14.55 lb)
- Hazard Class: 1.4G
- Net Explosive Content per carton: 0.7 kg (1.54 lb)
- Measurements of carton: 37 x 27 x 27 cm (15 x 11 x 11 in)
- UN 0312
- Proper Shipping Name: Cartridges, Signal
- Other Information: Cargo Aircraft only
- Do not use after expiry date
- Do not dismantle

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

WARNING
- Ejects projectile – do not point at people or property
- Do not fire in a confined space
- Keep away from sources of heat
- Only for emergency use

Item No. 9556660
Compact Distress Signals Miniflare MK8

Pains Wessex Miniflare MK8
Signal Cartridges

• Item No. 9182200 = Green >10,000 candela
• Item No. 9182000 = Red >30,000 candela
• Burning time: 8 secs
• Cartridge case: Plastic
• Diameter: 26.5mm (1 in) (Cal.4)
• Length: 80mm (3.15 in)

Signal Pistol

The trade in firearms requires an arms trade permit

Pistol weight: 1030g (36.3 oz)
• Length of barrel: 150mm (5.9 in)
• Total length: 220mm (8.7 in)

Specifications

Cartridges

- Total length: 220mm (8.7 in)
- Total height: 170mm (6.7 in)
- Length of barrel: 150mm (5.9 in)
- Pistol weight: 1030g (36.3 oz)

Firearm

The trade in firearms requires an arms trade permit

Pistol weight: 1030g (36.3 oz)
• Length of barrel: 150mm (5.9 in)
• Total length: 220mm (8.7 in)

Specifications

Signal Pistol

• Item No. 9182100 = White >40,000 candela

Red 9182000 • White 9182100 • Green 9182200 • Maroon 9122500

Parachute Signal Cartridges Red 9122600 • White 9122700

Parachute Signal Cartridges

Note: Pistols are re-conditioned and supplied as 'Pre-used' from authorised stock

• Solid and robust, easy to operate • Bronzed barrel with plastic handle • Supplied with leather bag and cleaning materials • Fires range of distress, illuminating, maroon and signalling Very cartridges • Fires falling and parachute varieties • Can be used for flare stock lighting

Signal Cartridge Features

• Easy handling • Easy identification
• Coloured caps signify flare colour and notched edges aid identification at night
• Red flare = Full edging and signals distress
• White flare = half edging and signals collision warning and briefly illuminates the foreground
• Green flare = no edging and used as a general signal
• Maroon flare = no edging and produces an acoustic and optical signal flash and bang
• Red parachute flare = full edging and signals distress
• White parachute flare = half edging and signals collision warning and illuminates the foreground

Parachute Cartridges

• Item No. 9182200 = Green >10,000 candela
• Item No. 9182100 = White >40,000 candela
• Item No. 9182000 = Red >30,000 candela
• Item No. 9122500 = Maroon >10,000 candela

Packaging & Transport Information

Signal Cartridges

- Calibre 4/26.5mm. Item Nos. Pistol 9129300
- Signal Cartridges Red 9182000 • White 9182100 • Green 9182200 • Maroon 9122500

Signal Pistol Features

• Solid and robust, easy to operate • Bronzed barrel with plastic handle • Supplied with leather bag and cleaning materials • Fires range of distress, illuminating, maroon and signalling Very cartridges • Fires falling and parachute varieties • Can be used for flare stock lighting

Signal Cartridge Features

• Easy handling • Easy identification
• Coloured caps signify flare colour and notched edges aid identification at night
• Red flare = Full edging and signals distress
• White flare = half edging and signals collision warning and briefly illuminates the foreground
• Green flare = no edging and used as a general signal
• Maroon flare = no edging and produces an acoustic and optical signal flash and bang
• Red parachute flare = full edging and signals distress
• White parachute flare = half edging and signals collision warning and illuminates the foreground

WARNING

• Ejects projectile - do not point at people or property
• Do not fire in a confined space
• Keep out of reach of children
• If damaged or dented do not use

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

Buoyant, splash-proof bag offering a convenient way to store all your safety equipment ready for emergency use. (Size: 60cm x 30cm)

Polybottles

Rugged, buoyant containers, ideal for storing distress signals. Can be easily picked up in an emergency.

Spares

Item no. 9500800
Large Polybottle (waterproof)
12 litre (2.64gal) capacity

Item no. 9870050
Mini Polybottle (water resistant)
3 litre (0.8gal) capacity

Item no. 9874000
Rocket for Linethrower 250

Item no. 9569000
Polybottles

Polybottles

Signal Cartridges

• Item No. 9182200 = Green >10,000 candela
• Item No. 9182100 = White >40,000 candela
• Item No. 9182000 = Red >30,000 candela
• Item No. 9122500 = Maroon >10,000 candela

Packaging & Transport Information

Signal Cartridges

- 10 Signal cartridges in inner paper carton < .60g each (2.1oz)
- 250 Cartridges in fibreboard carton about 540g / 19 oz (25 inner boxes per carton)
- Measurements of carton: L 37 x W 27 x H 27 cm L 14.57 x W 10.63 x H 10.63 in
- Gross Weight: Red: 10.30 kg (22.71 lb.)
- White: 11.30 kg (24.91 lb.)
- Green: 10.60 kg (23.37 lb.)
- Maroon: 15 kg (33.08 lb.)
- Net Explosive Content per carton: Red & Green: 3.75 kg (8.27 lb.)
- White: 6.63 kg (14.62 lb.)
- Maroon: 3.25 kg (7.15 lb.)
- Hazard Class 1.4G, Maroon 1.3G
- U.N. 0312, Maroon U.N. 0054
- Proper Shipping Name: Cartridges, Signal
- Other Information: Cargo Aircraft Only

Parachute Cartridges

- 12 Parachute cartridges in a paper box
- 120 cartridges in a carton
- Measurements of carton: L 37 x W 27 x H 27 cm L 14.57 x W 10.63 x H 10.63 in
- Gross Weight: Red: 17.5 kg (38.58 lb.)
- White: 17 kg (37.48 lb.)
- Green: 10.60 kg (23.37 lb.)
- Maroon: 16 kg (35.28 lb.)
- Net Weight: Red: 9.30 kg (20.50 lb.)
- Green: 9.60 kg (21.16 lb.)
- White: 11.30 kg (24.91 lb.)
- Maroon: 15 kg (33.08 lb.)
- Net Explosive Content per carton: Red & Green: 3.75 kg (8.27 lb.)
- White: 6.63 kg (14.62 lb.)
- Maroon: 3.25 kg (7.15 lb.)
- Hazard Class 1.4G, Maroon 1.3G
- U.N. 0312, Maroon U.N. 0054
- Proper Shipping Name: Cartridges, Signal
- Other Information: Cargo aircraft only

Pistol

Pistol wrapped in paper in cardboard carton
- Total weight: 1.3kg (4.58 oz)
- Net Weight: Red: 9.30 kg (20.50 lb.)
- Green: 9.60 kg (21.16 lb.)
- White: 11.30 kg (24.91 lb.)
- Maroon: 15 kg (33.08 lb.)