

# Light-Smoke Signal, orange SOLAS

## Material Safety Data Sheet - Art. No. 9161600

### 1. General Information

Manufacturers name: COMET GmbH  
Pyrotechnik-Apparatebau  
Address: Postfach 10 02 67  
27502 Bremerhaven/Germany  
**Emergency Telephone No: +49-471-393-0**

Proper shipping name: Articles, pyrotechnic (USA: Signals  
Hazard Classification: 1.4 S (USA: 1.4 G)  
UN-number: 0432 (USA: 0197)  
Technical specification: Burning time: 2 hours - Light in  
cd  
Colour of smoke: orange - Smoke duration:  
Power supply: 1 lithium battery with 2.6 V  
In accordance with SOLAS 74/96, Resolution MSC.81(70)



### 2. Function

Ignition of smoke by means of an impact igniter after pulling the light-smoke signal out of the bracket.  
Light signal with switch on while light-smoke signal is outside the bracket.  
All devices must be used in accordance with package instructions.

### 3. Hazardous ingredients

Mixture of : Black-Powder, Orange dye, Potassium chlorate, Barium nitrate

### 4. Fire and Explosion Data

Flash point: 160 °C (320°F)  
Special Fire Fighting Procedures: Once ignited the device cannot be extinguished.  
Extinguishing media for secondary fires: water.

### 5. Reactive Data

Stability: Stable. Do not expose to temperatures above 71°C (160°F).  
Incompatibility: N.A.  
Hazardous decomposition products: CO, smoke colour as sublimate when burned.  
Hazardous polymerisation: Will not occur.

### 6. Handling and Storage Precautions

Avoid heating or impact as fire may occur.  
Fire extinguishers must be on hand during handling, transport and storage.  
Avoid ignition of defective material.  
Storage should be in dry area safe from sparks and fire.  
Devices are to be stored in accordance with local regulations.

### 7. Waste Disposal

Devices should be disposed by authorised disposal agencies or fire brigades.  
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