

## Smoke Signal, orange SOLAS

### Material Safety Data Sheet - Art. No. 9161700

#### 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
- Hazard Classification: 1.4 G
- UN-number: 0431
- Technical specification: Colour of smoke: orange  
Smoke duration: 15 min.  
In accordance with SOLAS 88, IMO Res. A 689/17



#### 2. Function

- Ignition of smoke by means of an impact igniter after pulling the smoke signal out of 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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