

Drew Marine Signal & Safety UK Ltd Langstone Technology Park, Langstone Road, Havant, Hampshire, PO9 15A, United Kingdom Tel: +44 (0)2392 415700 | Fax: +44 (0)2392 415701 | www.signalandsafety.com

MATERIAL SAFETY DATA SHEET

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1.) Product and Company Identification:

Product Identification:

Comet Smoke Signal	ArtNo.: 9161700
PW Buoysmoke MK8	Part No.: 53830

Use of Product:

Sea distress signal

Manufacturer's name:

Drew Marine Signal & Safety Germany GmbH Vieländer Weg 147 27574 Bremerhaven Germany

Emergency Contact: 24 hours:

Phone: +49 (0) 178 433 7434

Supplied By:

Drew Marine Signal & Safety UK Ltd Langstone Technology Park Langstone Road, Havant, Hampshire. PO9 1AF. U.K.

Tel.: +44 (0) 2392 415700 E: info@signalandsafety.com www.signalandsafety.com

2.) Composition / Information on Ingredients:

Chemical Characterization:Description:	Oxidation and combustible mixture Pressed, pyrotechnical powder			
Hazardous Ingredients:	EC-No.:	CAS-No.:	R-Sentences:	Content:
Ignition Composition:				
- Barium Nitrate	233-020-5	10022-31-8	20, 22	60-100%
- Blackpowder	231-818-8	7757-79-1	2	1-5%
Smoke Composition:				
- Potassium Chlorate	017-004-00-3	3811-04-9	9, 22	10-30%
 Potassium Perchlorate 	231-912-9	7778-74-7	9, 22	1-5%
- Diatomaceaous Earth	272-489-0	68855-54-9	20., 40	1-5%

3.) Hazard Identification:

➤ Hazard:

flammable

- Special hazards for Health & Environment: Burn hazard if not used conforming manual instructions
- Classification System: not applicable

4.) First Aid Measures:

- Inhalation:
- Skin contact:
- > Eye contact:
- Swallowing:





physician

flush with water



having problems after swallowing smoke, consult a

having problems after inhaling smoke, consult a

www.comet-marine.com

www.painswessex.com

ssex.com www.aurora-marine.com

flush with water, consult a physician

Registered office as above. Registered number 2937952.

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none

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5.) Fire Fighting Measures:

- Extinguishing Media:
- Special protection gear:

6.) Accidential Release Measures:

- Personal Safety Measures:
- Environmental Measures:
- Cleaning instructions:

7.) Handling and Storage:

Handling:

Storage:

use signal only in emergency cases

once the signal is ignited, it can not be extinguished-

not applicable not applicable

for secondary fires = water

Conforming instructions printed on the signal

- Indications concerning fire and explosion protection:
 - Store in cool and dry environment, avoid heat
- Warehouse and packaging requirements:
 Only store in original packing and conform with the directions for storing dangerous goods
- Common storage with other goods: Only store together with non-dangerous goods, or goods of the same dangerous goods classification.
- > VbF classification:

8.) Exposure Controls & Personal Protection:

- Additional information concerning technical installations:
- Exposure limits:
- Limiting and surveillance of exposure:
- Personal protection equipment
- Repiratory protection:
- Hand protection:
- Eye protection:
- Body protection:

9.) Physical & Chemical Properties:

- Form:
- Colour:
- > Odor:
- ➢ pH-value:
- Change in state:





Aurora

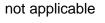
www.aurora-marine.com

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not applicable not applicable

Metal casing with pressed explosives Outer casing: orange Pyrotechnical ingredients: black / g

orange black / grey neutral not applicable not applicable



not applicable



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 Melting point/ area: Boiling point/ area: Flashpoint: Self Inflammability: Explosion risk: Density: Solubility / Miscibility in Water: 	not applicable not applicable 160° C / 320° F not applicable not applicable not applicable indissoluble
10) Stability & Pagativity Data:	
 <u>10.) Stability & Reactivity Data:</u> Auto-ignition / Conditions to avoid:	not applicable not applicable
11.) Toxicological Data:	
 (for products arising during intended reaction) Acute Toxicity: Primary Irritation: Sensitisation: Additional toxicological Indications 	none none none none
<u>12.) Ecological Data:</u>	
 General Indications: 	none
 <u>13.) Disposal Considerations:</u> > Disposal via specialised trade 	
14.) Transport Information:	
Dangerous Goods Classification:	1.4S UN 0507 Signals, Smoke
15.) Regulatory Infomation:	
 Labelling EWG Restrictions: National Restrictions: Classification VbF: Water Pollution Class: 	not applicable. not applicable not applicable not applicable
16.) Other Information:	
 Flammable R-Sentences: # 2 = Explosive, due to heavy impact, friction or open fire # 9 = Explosive, when mixed with combustible materials 	

20 = Harmful to health when inhaled







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22 = Harmful to health when swallowed

#40 = Harmful to health







et-marine.com www.painswessex.com

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