Maybridge plc - Material Safety Data Sheet

1. Identification Of The Substance/Preparation And Company

Product Name: 2-bromo-1-benzofuran
Code: CC 06610
Supplier: Maybridge plc
Trevillet
Tintagel
Cornwall
England
PL34 0HW

Contact Details
Telephone: +44 (0)1840 770453
Fax: +44(0)1840 770111
Emergency Telephone: +44 (0)7702924616

Synonyms
Name
2-Bromobenzofuran
2-bromo-1-benzofuran

2. Composition/Information on Ingredients

Name
2-bromo-1-benzofuran
CAS No
54008-77-4

3. Hazards Identification

4. First Aid Measures

Eye Contact
Immediately flush eye(s) with copious amounts of water and continue to do so for at least 15 minutes. If symptoms are severe and/or persistent, SEEK MEDICAL ATTENTION.

Ingestion
Wash mouth out thoroughly with copious amounts of water. Do not induce vomiting. If symptoms are severe and/or persistent, SEEK MEDICAL ATTENTION.

Inhalation
Remove from exposure, rest and keep warm. If exposure has been great or if symptoms are severe and/or persistent, SEEK MEDICAL ATTENTION.

Skin Contact
Remove all contaminated articles of clothing, shoes, gloves, etc. and immediately flush contaminated area with copious amounts of water and continue to do so for at least 15 minutes. If symptoms are severe and/or persistent, SEEK MEDICAL ATTENTION.

5. Fire Fighting Measures

Fire Fighting
In the event of a fire involving this material, extinguish using dry chemical powder, chemical foam, sand or similar. DO NOT USE WATER. Protective clothing and breathing apparatus should be worn as deemed necessary.

6. Accidental Release Measures

Environmental Precautions
Do not allow material to enter drains, water courses or to contaminate soil.

Methods for Cleaning Up
Evacuate area. For large spillages, contain liquid within sand bund then remove both solids and liquid to closed containers. Store containers containing spillage outdoors in a secure, well ventilated area away from personnel.
Evacuate area. In small quantities, absorb on sand, vermiculite, diatomaceous earth or any inert absorbent material then place in closed container for disposal. Store container containing spillage outdoors in a secure, well ventilated area away from personnel.

Personal Precautions
See Section 8.

7. Handling And Storage

Handling
This product should only be handled by persons suitably qualified and competent in the handling of potentially hazardous chemicals. It should be noted that the toxicological and physiological properties of this chemical may not be fully known (see section 11) and that new hazards may arise from the reactions between this product and other chemicals (see section 10). It is important that all persons intending handling this chemical read this sheet and are aware of the information given regarding fire, health and chemical hazard before proceeding further.

Storage
Store in a refrigerator below 4°C.
Store in a sealed, light-proof container, away from oxidizing and/or reducing agents and any possible source of ignition. Container should be kept dry.
Store under an inert atmosphere.

8. Exposure Controls/Personal Protection

Eye Protection
Where a full face mask is not to be used, suitable protective goggles, eyeshields or approved safety glasses should be worn.

Hand Precautions
Wear gloves or gauntlets which are non-permeable to material and any carrier solvent.

Respiratory Precautions
Wear approved mask or respirator suitable for level and duration of exposure.

Skin Protection
Wear suitable protective clothing as and when necessary.

9. Physical And Chemical Properties
**Molecular Formula**
C8 H5 Br O

**Molecular Weight**
197.031

**Density**
No Data

**Purity**
90% +

**Solubility in DMSO**
No Data

**Solubility in DMF**
No Data

**Solubility in CH2 Cl2**
No Data

**Solubility in Me CN**
No Data

**Solubility in THF**
No Data

**Solubility in Me OH**
No Data

**Stability And Reactivity**

- **Conditions to Avoid**
  This material should not be used or stored in conditions of high (or highly fluctuating) temperature or be exposed to any possible source of ignition. Exposure of the material to direct sunlight or the air should be kept to a minimum and a moist atmosphere avoided.

- **Materials to Avoid**
  Incompatible with oxidising agents
  Sensitive to acids and acid gases

- **Toxic Products**
  Emits acrid smoke and fumes.

- **Combustion/Decomposition**
  Hydrogen bromide/Bromine.

**Ecological Information**

- **Ecological Information**
  No Data

**Disposal Considerations**

- **Disposal Considerations**
  Arrange for the immediate collection of material by a licensed disposal contractor/company. All waste disposal must be carried out in consultation with the local Waste Disposal Authority and be in accordance with all national and regional regulations.

**Transport Information**

- **UN Number**
  No Data

- **IATA Class**
  No Data

- **IATA Packing Group**
  No Data

- **IATA Sub Risk**
  No Data

- **EINECS No**
  No Data

**Regulatory Information**

- **Risk Phrases**
  R20/21/22 - Harmful by inhalation in contact with skin and if swallowed

- **Safety Phrases**
  S6 - Keep under nitrogen
  S17 - Keep away from combustible material
  S23 - Do not breathe gas/fumes/vapour/spray
  S24/25 - Avoid contact with skin and eyes
  S36/37/39 - Wear suitable protective clothing gloves and eye/face protection

**Other Information**

- **Generic**
  The information on this Safety Data Sheet is correct to the best of our knowledge at the date of publication. However, the information should only be considered as a guide to safe handling, storage and possible use of the substance. We cannot accept liability for any loss, damage or injury which may result from its use. It is of paramount importance that all chemicals should be handled only by suitably qualified, competent personnel within a controlled environment.
  We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied the material.
  Should any further information be required, this may be obtained from Customer Services at the address at the start of this sheet.