

# SAFETY DATA SHEET

## Phenolphthalein Solution

### Cover sheet / Supplier Information

#### Section 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name:** Phenolphthalein solution in ethanol

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Indicator solution**

##### Use of substance / mixture:

Indicating solution

##### 1.3. Details of the supplier of the safety data sheet

##### Company name:

Blast Wash UK  
24 Baron Avenue  
Earls Barton Industrial Estate  
Earls Barton  
Northants  
NN6 0JE  
United Kingdom

01604 811505 info@blast-wash.co.uk

##### 1.4. Emergency telephone number

**Emergency tel:**

07725 819653

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## 1. Identification of the product

**Catalogue No:**

PH020 ; PH015

**Product name: Phenolphthalein solution in Ethanol****Synonyms:****Application of the substance/the preparation:**

Chemicals for synthesis, Laboratory Chemicals

**Manufacturer/supplier identification**

**Company:** Scientific & Chemical Supplies Limited  
Carlton House, Livingstone Road  
Bilston. West Midlands WV14 0QZ

**Information in case of emergency:**

Emergency telephone no.: +44 (0) 1902 402402 Fax +44 (0) 1902 402343  
Emergency telephone no(24hr): +44 (0) 7919 258 784

## 2. Hazards Identification

**Hazard designation:**

Flammable

**Information pertaining to particular dangers for man and environment:**

Flammable.

**Classification System**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies

## 3. Composition/information on ingredients

**Chemical classification:** Alcohol**CAS number:** N/A      **EC number:** N/A**Dangerous components:****Ethanol 50** CAS No.: 64-17-5, EC No.: 200-578-6, • R: 11 • S: 7-16

#### 4. First Aid Measures

**Eye Contact:**

Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.

**Skin Contact:**

Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, obtain medical attention.

**Inhalation:**

Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

**Ingestion:**

Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention.

#### 5. Fire Fighting Measures

**Fire Risks:**

Flammable.

**Suitable Extinguishing Media:**

Water spray, dry powder or vaporising liquids.

#### 6. Accidental Release Measures

**Personal:**

Shut off all sources of ignition. Wear appropriate protective clothing.

**Disposal:**

Absorb on an inert absorbent, transfer to a suitable container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

**Spillage:**

For large spillage's liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillage's.

#### 7. Handling & Storage

**Handling:**

Wash hands and face thoroughly after working with material. Contaminated clothing should be removed and washed before re-use.

**Storage:**

Store at room temperature (15 to 25°C recommended).

Keep well closed and protected from direct sunlight and moisture.

## 8. Exposure Controls/Personal Protection

As appropriate to the situation and the quantity handled. Engineering methods to control or prevent exposure are preferred. Methods could include process enclosure or mechanical ventilation.

**Respirator:**

Self-contained breathing apparatus

**Ventilation:**

Fume cupboard, flameproof

**Gloves:**

Rubber or plastic

**Eye Protection:**

Goggles or face-shield

**Other Precautions:**

Plastic apron, sleeves, boots - if handling large quantities.

See section 15 for UK exposure limits.

## 9. Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Colourless
<b>Odour:</b>	Ethanollic odour

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**Flash Point:** 24°C

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**Specific Gravity/Density:** 0.918 g/cm<sup>3</sup>

**Solubility in water:** Miscible.

## 10. Stability and Reactivity

Stable.

**Substances to be avoided:**

strong oxidising agents.

The possibility of reaction with other substances cannot be excluded.

Hazardous decomposition products: Carbon monoxide, carbon dioxide.

## 11. Toxicological Information

**Inhalation:**

May be irritating to mucous membranes and upper respiratory tract. May be harmful.

**Skin Contact:**

Degreasing effect on the skin, possibly followed by secondary inflammation.

**Eye Contact:**

May irritate.

**Ingestion:**

May be harmful.

**Further data:**

## 12. Ecological Information

**Ecological:** Adverse ecological effects cannot be excluded in the event of improper handling or disposal.

**Chemical Reaction:****Bioaccumulation potential:****Toxicity:**

Adverse ecological effects cannot be excluded in the event of improper handling or disposal.

### 13. Disposal Considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

### 14. Transport Information

#### Land Transport ADR:

UN: 1993

PK: III

Class: 3, ,

Proper Shipping Name: FLAMMABLE LIQUID N.O.S.(ETHANOL SOLUTION)

LQ: 7



#### Maritime Transport IMDG:

UN: 1993

PK: III

Class: 3, ,

Marine Pollutant:

Proper Shipping Name: FLAMMABLE LIQUID N.O.S.(ETHANOL SOLUTION)



#### Air Transport IATA:

UN: 1993

PK: III

Class: 3, ,

Proper Shipping Name: FLAMMABLE LIQUID N.O.S.(ETHANOL SOLUTION)



## 15. Regulatory Information

### *Labelling according to EC directives*

#### **Symbol:**

Flammable



#### **R-phrases:** • R: 10

Flammable.

#### **S-phrases:** • S: 7-16

Keep container tightly closed. Keep away from sources of ignition - No Smoking.

**EC-No.:** N/A

#### **Local Regulations:**

Regulated in the UK under the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.

U.K. Transport Category 2

Within the UK, the use of this material must be assessed under the Control of Substances Hazardous to Health (COSHH) regulations.

UK Exposure Limits: OES - Ethanol:

Long-term: 1920 mg/m<sup>3</sup> (1000 ppm) Short-term:

## 16. Other Information

Date of issue: 30/09/2009

#### **Important Statement**

The information above is believed to be accurate and represents the best information currently available from multiple crosschecked sources.

However, we make no warranty express or implied, with respect to such information, and we assume no liability resulting from its use.

Users should make their own investigations to determine the suitability of the information for their particular purposes.

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