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**MATERIAL SAFETY DATA SHEET**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifiers**

**Product name:** Phosphotungstic Acid 1%  
**Product Code:** HST414  
**Brand:** Solmedia Ltd

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

**Identified uses** No data available

**1.3 Details of the supplier of the safety data sheet**

**Name of Supplier:** Solmedia Ltd.  
**Address of Supplier:** Unit 2, Vernon Drive  
Battlefield Enterprise Park  
Shrewsbury  
SY1 3TF  
UK  
**Telephone:** 0844 80 80 900  
**Email:** [labsupplies@solmedialtd.com](mailto:labsupplies@solmedialtd.com)

**1.4 Emergency telephone number**

**Emergency Phone:** +44 (0)844 80 80 900

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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

Eye Irrit. 2: H319; Skin Irrit. 2: H315

**2.2 Label elements****Label elements under CLP:**

**Hazard statements:** H315: Causes skin irritation.  
H319: Causes serious eye irritation.

**Signal words:** Warning

**Hazard pictograms:** GHS07: Exclamation mark



**Precautionary statements**

P264: Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+313: If skin irritation occurs: Get medical.

P337+313: If eye irritation persists: Get medical.

P362: Take off contaminated clothing and wash before reuse.

**2.3 Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

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**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Hazardous ingredients:**

PHOSPHOTUNGSTIC ACID 69% ACS

EINECS	CAS	CLP Classification	Percent
-	12501-23-4	Skin Corr. 1B: H314	<1%

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**SECTION 4: First aid measures****4.1 Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:**

Not applicable.

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### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

#### **5.2 Special hazards arising from the substance or mixture**

In combustion emits toxic fumes.

#### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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### **SECTION 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak side up to prevent the escape of liquid.

#### **6.2 Environmental precautions**

Do not discharge into drains or rivers. Contain the spillage using bunding.

#### **6.3 Methods and materials for containment and cleaning up**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### **6.4 Reference to other sections**

Refer to section 8 of SDS.

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### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

#### **7.2 Conditions for safe storage, including any incompatibilities**

Store in cool, well ventilated area. Keep container tightly closed

### 7.3 Specific end use(s)

No data available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

No data available

### 8.2 Exposure controls

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Liquid

### 9.2 Other safety information

No data available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to avoid

Heat

### 10.5 Incompatible materials

Strong oxidising agents. Strong acids.

## 10.6 Hazardous decomposition products

In combustion emits toxic fumes.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

No data available

#### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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## SECTION 12: Ecological information

### 12.1 Toxicity

No data available.

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

Readily absorbed into soil.

### 12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

### 12.6 Other adverse effects

Negligible ecotoxicity.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Disposed of as unused product.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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#### **SECTION 14: Transport information**

This product does not require a classification for transport.

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#### **SECTION 15: Regulatory information**

##### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

##### **15.2 Chemical safety assessment**

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#### **SECTION 16: Other information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

##### **Phrases used in s.2 and 3:**

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

##### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.