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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:** CURTIS VAN GIESON STAIN

**Product Code:** HST 208

**Brand:** Solmedia Ltd

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

Use of the substance/mixture: In vitro diagnostic reagent

Use advised against: All other uses

#### 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

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

#### 2.2 Label elements

##### Labels elements under CLP:

The product does not need to be labelled in accordance with EC directives or respective national laws

**Signal words:** Not required

**Hazard pictograms:** Not required

**Precautionary statements:** Not required.

#### 2.3 Other hazards

**Other hazards:** None

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**SECTION 3: Composition/information on ingredients****3.1. Substances**

**Chemical identity:** Picric Acid  
**CAS number:** 64-17-5  
**EINECS number:** 200-578-61  
**Concentration:** 1 – 5%  
**Categories:** Expl 1.1, Acute Tox. 3  
**H Phrases:** H201, H301, H311, H331

**Chemical identity:** Acetic Acid.....%  
**CAS number:** 64-19-7  
**EINECS number:** 200-580-7  
**Concentration:** 1 – 5%  
**Categories:** Flam. Liq. 3, Skin Corr. 1A  
**H Phrases:** H226, H314

The full text for all hazard statements are displayed in Section 16

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

**Skin contact:** Remove contaminated clothing, wash with soap and water. Get medical attention if any discomfort persists.

**Eye contact:** Immediately flush with plenty of water for 15 minutes. Remove contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

**Ingestion:** Rinse mouth with plenty of water  
Give plenty of water to drink  
Get medical advice/attention

**Inhalation:** Unlikely route of exposure as the product does not contain volatile substances

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

No data available

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

No data available

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## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

Alcohol resistant foam. Carbon dioxide, Dry chemical powder or Water spray

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

Nature of decomposition products not known.

### **5.3 Advice for firefighters**

Self-contained breathing apparatus, and full protective clothing must be worn in the case of a fire.

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

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

Wear protective clothing as per section 8.  
Avoid spilling, skin and eye contact.

### **6.2 Environmental precautions**

Do not allow to enter public sewers and watercourses

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

Absorb spillage in suitable inert material  
Place in appropriate container  
Flush spill area with copious amounts of water

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

Refer to section 8 and 13 of SDS

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

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

Avoid spilling, skin and eye contact.

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

Store in closed original container at temperature between 15C – 25C. Store in the dark

### **7.3 Specific end use(s)**

No special requirement

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Picric Acid

UK EH40 WEL

Short term exposure (STEL – 15min) 0.3 mg/m<sup>3</sup>

Time weighted average (TWA – 8hrs) 0.1 mg/m<sup>3</sup>

**WEL = Workplace exposure Limits**

### 8.2 Exposure controls

**Engineering measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Respiratory protection:** No personal respiratory equipment normally required, in adequately ventilated areas. Where workplace limited are exceeded use self-contained breathing apparatus type A filter or appropriate combined filter in compliance with EN141

**Hand protection:** Use Protective gloves. Gloves should meet requirements of EN374, check breakthrough times with supplier. Gloves should be inspected before use. Change gloves frequently. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Eye protection:** Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

**Environmental:** Not applicable

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Liquid Red
<b>Odour</b>	slight
<b>Odour threshold</b>	Not available ppm

<b>pH</b>	1.5 – 2.5
<b>Melting point/freezing point</b>	Not available
<b>Initial boiling point</b>	Not applicable
<b>Boiling range</b>	Not available
<b>Flash point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability</b>	Not available
<b>Vapour pressure</b>	Not available
<b>Vapour density</b>	Not available
<b>Specific Gravity:</b>	1.002 – 1.007
<b>Solubility in water:</b>	Completely soluble in water
<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Explosive properties</b>	Not available
<b>Oxidising properties</b>	Not available

## 9.2 Other safety information

No information available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No specific reactivity hazards associated with product

### 10.2 Chemical stability

Considered stable under normal conditions and recommended use

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Avoid exposure to high temperatures or direct sunlight

### 10.5 Incompatible materials

Strong oxidising substances

## 10.6 Hazardous decomposition products

Nature of decomposition products not known

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute Toxicity	no data available
Skin Corrosion/Irritation	no data available
Serious eye damage/eye irritation	no data available
Respiratory or Skin Sensitisation	no data available
Germ Cell Mutagenicity	no data available
Carcinogenicity	no data available
Reproductive Toxicity	no data available
Specific Target Organ Toxicity	
Single exposure	no data available
Repeated exposure	no data available
Aspiration Hazard	no data available
Additional information	no data available
Inhalation	may cause irritation to the respiratory system
Ingestion	may cause internal injury
Skin Contact	May cause skin irritation/eczema
Eye Contact	Irritating to eyes

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## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

Completely soluble in water

#### 12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance

#### 12.6 Other adverse effects

No data available

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Disposal operations:** Disposal should be in accordance with local, state or national legislation. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Dispose 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

**Transport class:** 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

All components of this preparation are registered on the European Inventory of Existing Chemical Substance (EINECS)

Not hazardous according to current COSHH Regulations

Not hazardous according to current CPL Regulations

Refer to Health and Safety at Work Act

#### 15.2 Chemical safety assessment

No chemical safety assessment has not been carried out

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### SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet

H201:	Explosive: Mass explosion hazard
H226:	Flammable liquid and vapour
H301:	Toxic if swallowed
H311:	Toxic in contact with skin
H314:	Causes severe skin burns and eye damage
H331:	Toxic if inhaled

#### 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.