
MATERIAL SAFETY DATA SHEET

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

Product name: Giemsa Stain PR80
Item Code: HST506
Brand: Solmedia Ltd

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

Identified uses: PC21: Laboratory chemicals

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

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

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

Classification under CLP: Regulation (EC) No. 1272/2008 [CLP]

Hazard Class	Hazard Category	Hazard Statement
Acute oral toxicity	Category 3	H373
Specific target organ toxicity repeated exposure (STOT RE)	Category 2	H302

2.2 Label elements**Hazard statements:**

H373 May cause damage to the kidneys through prolonged or repeated exposure by the oral route.

H302 Harmful if swallowed

Signal words: Warning, Hazardous to health

**Precautionary statements:**

P314 Get medical advice/attention if you feel unwell.

2.3 Other hazards

Dyes and Stains by their physical nature may result in permanent staining if in contact with skin and clothing.

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

Hazardous ingredients Classification according to Regulation (EC) No. 1272/2008 [CLP]

			Classification (Regulation (EC) No 1272/2008 [CLP])	
Hazardous Components		Amount [%]	Hazard class/ Hazard category	Hazard Statements
Name:	Azur II	<0.5%	EYE DAM. CAT. 1.	H318
CAS NO.	37247-10-2			
EC-NO.	N/A			
Name:	Eosin yellowish	<0.5%	EYE IRRIT CAT. 2. SKIN SENS. CAT. 1.	H319 H317
CAS NO.	17372-87-1			
EC-NO.	241-409-6			
Name:	Ethylene glycol	>98%	ACUTE TOX. CAT. 4. STOT RE CAT. 2.	H302 H373
CAS NO.	107-21-1			
EC-NO.	203-473-3			

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. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. 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.
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Eye contact:	There may be irritation and redness.
Ingestion:	There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
Inhalation:	Absorption through the lungs can occur causing symptoms similar to those of ingestion.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

7.2 Conditions for safe storage, including any incompatibilities

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

Suitable packaging: Not applicable.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Hazardous ingredients:

ETHYLENE GLYCOL

Workplace exposure limits:

Respirable dust

State	8-hour TWA	15 min. STEL	8-hour TWA	15 min. STEL
UK	52 mg/m ³ (vapour)	104 mg/m ³ (vapour)	-	-

DNEL / PNEC

No data available.

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: Respiratory protection not required.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

Environmental: Not applicable.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Liquid

9.2 Other safety information

Not applicable

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, Strong bases, Aldehydes, Aluminium

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****ETHYLENE GLYCOL**

IVN	RAT	LD50	3260	mg/kg
ORL	MUS	LD50	5500	mg/kg
ORL	RAT	LD50	4700	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	ING	Hazardous: calculated

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 soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
Inhalation:	Absorption through the lungs can occur causing symptoms similar to those of ingestion.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.
Other information:	Not applicable.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

Biodegradeable

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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

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.

SECTION 14: Transport information

This product does not require a classification for transport.

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

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

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

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3:

H302: Harmful if swallowed.

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.