
MATERIAL SAFETY DATA SHEET

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

Product name: TRANSPORT MEDIUM (VTM)
Product code: VTM
Brand: Solmedia Ltd

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

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**

This product has no classification under CLP

2.2 Label elements

This product has no label elements.

SECTION 3: Composition/information on ingredients

Main composition	CAS No	Content (%)
HEPES-Na	75277-39-3	0.5-0.6
NaCl	7647-14-5	0.8
KCl	7447-40-7	0.04
Glucose	50-99-7	0.1
MgSO4	7487-88-9	0.01
Gelatine	9000-70-8	0.5
BSA	9048-46-8	0.5

Phenol-red	143-74-8	0.002
Deionized water	7732-18-5	≥97.4

SECTION 4: First aid measures

4.1 Description of first aid measures

General recommendations:

Leave danger zone

Skin contact:

Remove contaminated clothing and rinse with plenty of running water; if skin irritation persists, consult a doctor immediately.

Eye contact:

Flip your eyelids, rinse with running water or saline for at least 15 minutes, or seek medical attention.

If Swallowed:

Drink plenty of warm water to induce vomiting. Seek medical attention.

Inhalation:

Remove victim to fresh air and keep at rest in a comfortable position or consult a doctor.

SECTION 5: Firefighting measures

Hazardous characteristics:

This product will not burn

Hazardous combustion products:

None

Fire-fighting methods:

In the event of fire in the surrounding area, use an appropriate fire extinguishing agent.

SECTION 6: Accidental release measures

Personnel protection:

Isolate leaking contaminated areas and restrict access; use personal protective equipment to avoid inhaling dust / gas / steam, etc.

Environmental protection measures:

Prevent the product from entering the sewer. If safety can be ensured, measures can be taken to prevent further leakage or overflow.

Leak removal and use of substances:

Absorb with inert materials (such as sand, silica gel, acid binder, universal binder, sawdust), Place in a suitable closed container for processing.

SECTION 7: Handling and storage**Fire advice:**

General fire protection measures

Precautions for safe operation

Do not breathe vapor / dust.
Avoid contact with skin and eyes.
Do not eat, drink or smoke at the operation site.
Dispose of washing water in accordance with local and national regulations.

Precautions for storage

Store in a cool, dry, well-ventilated warehouse.

SECTION 8: Exposure controls/personal protection

Hand protection:	Chemical resistant gloves (e.g., nitrile or equivalent).
Eye protection:	Protection goggles. Equipped with eyewash and shower facilities in the workplace
Body protection:	Wear acid and alkali protective clothing.
Other Protection:	Smoking, eating and drinking are prohibited in the workplace. Wash your hands before meals. After work, take a shower. Ensure adequate ventilation. Pay attention to personal hygiene.

SECTION 9: Physical and chemical properties**Appearance and properties**

Light red liquid

Odour

Non-irritating odour

pH

6-8

Melting point / boiling point

No data

Upper and lower combustion limits

No data

Upper and lower explosion limits

No data

Auto-ignition temperature

No data

Water soluble

Soluble

Solubility in other solvents

No data

SECTION 10: Stability and reactivity

Stability

No decomposition if be stored and used as directed

Conditions to avoid

No data

Prohibited content

No data

Aggregation danger

No aggregation

Dangerous products of decomposition

No decomposition if be stored and used as directed

SECTION 11: Toxicological information

Aspiration hazard

May be harmful if swallowed and enters airways

Respiratory / skin contact

Irritating to skin and respiratory tract

Eye damage / irritation

Severe eye damage

SECTION 12: Ecological information

Ecotoxicological toxicity

Not applicable

Biodegradability

Not applicable

Other harmful effects

May cause pollution to water bodies, special attention should be paid to plants and aquatic organisms

SECTION 13: Disposal considerations

Nature of waste

Irritating hazardous waste

Disposal methods

Please refer to relevant national and local regulations before disposal. After neutralization and dilution, it is discharged into the waste water system

Disposal considerations

Empty containers should be returned to the supplier or referred to a qualified agency for disposal. Please refer to relevant national and local regulations before disposal

SECTION 14: Transport information

Transport considerations

The package should be complete and loaded securely during shipment. Ensure that the container does not leak, collapse, fall, or damage during transportation. It should be protected from direct sunlight, rain, and heat during transportation.

SECTION 15: Regulatory information

Regulatory Information

Applicable regulations

SECTION 16: 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.

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.