

Safety Data Sheet

Happy Cell Inactivation Solution

Version 1.0 - Revision Date 25.06.2018

SECTION 1: Identification Of The Substance/Mixture And Of The Company/Undertaking

1.1 Product Identifiers

Product name: Happy Cell Inactivation Solution
Product catalogue number: VHCIS
Brand: Vale Life Sciences

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

Laboratory 3D cell culture reagent. Research use only.

1.3 Details of the supplier of the safety data sheet

Company: Vale Life Sciences Pty Ltd
Unit 3053, Level 3, Translational Research Institute, 37 Kent Street, Woolloongabba, Brisbane, QLD 4102, AUSTRALIA.
Telephone: +61 (0)410 867205
Email: enquiries@valelifesciences.com

1.4 Emergency telephone number +61 (0)410 867205

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Respiratory sensitization, category 1

2.2 Label elements

Danger



2.3 Other hazards

Inhalation of aerosols resulting from improper handling may induce sensitisation and may cause allergic type reactions in sensitised individuals.

SECTION 3: Composition/Information on Ingredients

3.1 Product composition

Liquid cell culture media supplement. The subject formulation comprises sodium citrate in a physiological salt solution. With the exception of purified water, all ingredients are in concentrations of less than 1%.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

If inhaled

Remove to fresh air. If breathing becomes difficult, give artificial respiration and contact a physician.

In case of skin contact

Wash the affected area with soap and plenty of water. Should irritation occur, contact a physician.

In case of eye contact

Flush thoroughly with water. Should irritation occur, contact a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

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.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

6.2 Environmental precautions

Not applicable.

6.3 Methods and materials for containment and cleaning up

Wipe with absorbent tissue. Spray surface immediately after with 80% ethanol.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling And Storage

7.1 Precautions for safe handling

Use in a class II or III biosafety cabinet. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities Store at 2-8°C when not in use. Do not freeze.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters.

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU) or NIOSH (US) and AS/NZS 1336

Skin protection

Handle with chemical-resistant gloves. Gloves must be inspected prior to use. 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.

Body Protection

A PC2 grade laboratory coat should be worn at all times.

Respiratory protection

Respiratory protection is not required

Control of environmental exposure

Not applicable

SECTION 9: Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Tan coloured clear solution
Odour	No data available
Odour threshold	No data available
pH	7-7.4
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

9.2 Other safety information

No data available

SECTION 10: Stability And Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Temperatures below 2°C.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

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

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available.

Specific target organ toxicity - single exposure

No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard

No data available.

Additional Information

Complete toxicological properties have yet to be determined.

SECTION 13: Disposal Considerations**Product**

Follow all official regulations for chemical waste disposal.

Contaminated packaging Dispose

of as unused product.

SECTION 14: Transport Information**14.1 UN number**

Not relevant

14.2 UN proper shipping name

Not relevant

14.3 Transport hazard class(es)

Not relevant

14.4 Packaging group

Not relevant

14.5 Environmental hazards

Not relevant

14.6 Special precautions for user

No data available

SECTION 15: Regulatory Information

This safety datasheet complies with the requirements of Safe Work Australia - Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice December 2011.

The material is not subject to any safety, health or environmental regulations.

SECTION 16: Other Information

Source Material: Safe Work Australia – Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice December 2011.

Further information

The above information is believed to be correct. It does not purport to be all inclusive and shall only be used 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. Vale Life Sciences Pty Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. We reserve the right to periodically revise.