

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Homocisteína Reagent R1, Homocisteína Reagent R2

Article n°: 2150XXX

MS: 80115310198

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

No data available.

1.3 Details of the supplier of the safety data sheet

Kovalent do Brasil Ltda.

Rua Cristóvão Sardinha, 110 – Jd. Bom Retiro – São Gonçalo – RJ – Brasil.

Tel: +(55 21) 2623-1367

e-mail: kovalent@kovalent.com.br

1.4 Emergency telephone number

Tel: +(55 21) 2623-1367 – Customer service 8AM to 5PM.

0800 015 1414

In case of emergency

24 hours service

0800-722-6001 – RENACIAT (Rede Nacional de Centros de Informação e Assistência Toxicológica)

2 Hazards Identification

2.1 Classification of the substance or mixture

Classification according to ABNT NBR 14725.

Not classified (for all components)

2.2 Label elements

Labelling (GHS)

Not labelling applicable (for all components)

2.3 Other hazards

No additional information available (for all components)

2.4 Unknown acute toxicity (GHS)

Not applicable (for all components)

3 Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Not applicable

4 First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of water.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after ingestion: Call a poison center/doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

No additional information available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.3 Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures: Ventilate spillage area.

For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

7 Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage class: Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

No information available.

8 Exposure controls/personal protection

8.1 Control parameters

ACGIH: Not applicable.

OSHA: Not applicable.

8.2 Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Hand protection: Protective gloves.

Eye protection:	Safety glasses.
Skin and body protection:	Wear suitable protective clothing.
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls:	Avoid release to the environment.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Mixture contains one or more component(s) which have the following colour(s): Colourless, White
Odor:	There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Odourless, Mild odour, Sweet odour
Odor threshold:	No data available
pH:	No data available
Melting point:	Not applicable
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Relative evaporation rate (butyl acetate=1):	No data available
Flammability (solid, gas):	No data available
Explosion limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapor pressure:	No data available
Relative density:	No data available
Relative vapor density at 20 °C:	No data available
Solubility:	Water Solubility in water of component(s) of the mixture: • : 100 g/100ml • : • : > 10 g/100ml
Log Pow:	No data available
Log Kow:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available

9.2 Other information

No additional information available.

www.kovalent.com.br

10 Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity (single exposure):	Not classified
Specific target organ toxicity (repeated exposure):	Not classified
Aspiration hazard:	Not classified

12 Ecological information

12.1 Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2 Persistence and degradability

No additional information available.

12.3 Bioaccumulative potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

Effect on the global warming: No known ecological damage caused by this product.

13 Disposal considerations

13.1 Waste treatment methods

Product: Dispose of waste according to applicable legislation.

Package: Dispose of waste according to applicable legislation.

Additional information: Do not reuse empty containers.

14 Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

Additional information

Other information: No supplementary information available

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

15 Regulatory information

- Product produced in accordance with the requirements established by RDC 665 of 30/03/2022 and with labeling information in accordance with RDC 206 of 17/11/2006.
- For more details on product disposal refer to RDC 222 of 28/03/2018 and NBR 10004.
- This safety data sheet was prepared in accordance with ABNT/NBR 14725:23.

16 Other information

The above information is considered correct but is not intended to be complete and should be used only as a guide. Kovalent is not responsible for any damage resulting from handling or use.

In article XXX: The three X are for the volume.

Abbreviations and acronyms:

ABNT: Associação Brasileira de Normas Técnicas

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ACGIH: American Conference of Governmental Industrial Hygienists

CE: Conforme Européenne

GHS: Globally Harmonized System

Kow: n-octanol-water partition coefficient

MS: Ministério da Saúde

NBR: Norma Brasileira

OSHA: Occupational Safety and Health Administration

RDC: Resolução da Diretoria Colegiada

RENACIAT: Rede Nacional de Centros de Informação e Assistência Tecnológica

Pow: n-octanol-water partition coefficient

