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

1.1 Product identifier
Trade Name: Ácido Úrico WS Reagent R1
Article n°: 1010XXX
MS: 80115310194

1.2 Relevant identified uses of the substance or mixture and uses advised against
Reagent for in-vitro diagnostics in human samples
For professional use only.

1.3 Manufacturer
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 – Costumer Service from 8am to 5pm
0800 015 1414

Information 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
This mixture is classified as not hazardous according to ABNT NBR 14725.

2.2 Label elements

Labelling (GHS)

Hazard statements: Not applicable

Precautionary statements: Not applicable

2.3 Other hazards
No risks worthy of mention.

3 Composition/information on ingredients

3.1 Substances
Not applicable

3.1 Mixtures
Chemical characterization: Aqueous solution of inorganic salts and organic compounds.

Chemical characterization:

Ingredient	Designation	Content	Classification
EC No. 500-002-6 CAS 9002-92-0	Dodecan-1-ol, ethoxylated	< 1%	Acute Tox. 4; H302. Eye Dam. 1; H318. Aquatic Chronic 3; H412.

Additional information: The product does not contain dangerous substances above limits that need to be mentioned in this section according to applicable legislation.
Contains Sodium azide (0.95 g/L) as preservative.

4 First aid measures

4.1 Description of first aid measures

In case of inhalation:	Provide fresh air. Seek medical attention.
Following skin contact:	Change contaminated clothing. Remove residues with water. Seek medical attention if irritation persists.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.
After swallowing:	Rinse mouth immediately and drink plenty of water. Induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

After eye contact: May cause irritations.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

5.2 Special hazards arising from the substance or mixture

Fires in the immediate vicinity may cause the development of dangerous vapours.

In case of fire may be liberated:	Carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:	In case of surrounding fires: Wear self-contained breathing apparatus.
Additional information:	Do not allow fire water to penetrate into surface or ground water.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Provide adequate ventilation. Wear appropriate protective equipment.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.
Store in special closed containers and dispose of according to ordinance. Wash spill area with plenty of water.

6.4 Reference to other sections

Refer additionally to section 8 and 13

7 Handling and storage

7.1 Precautions for safe handling

Advices on safe handling:	Avoid contact with skin and eyes. Keep all containers, equipment and working place clean. Provide adequate ventilation, and local exhaust as needed. Wear appropriate protective equipment.

7.2 Conditions for safe storage, including any incompatibilities
Requirements for storerooms and containers: Keep containers tightly closed and at a temperature between 2 °C and 8 °C. Protect from light. Keep sterile.

7.3 Specific end use(s)
No information available.

8 Exposure controls/personal protection

8.1 Control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls
Provide adequate ventilation, and local exhaust as needed.

Personal protection equipment
Occupational exposure controls

Respiratory protection:	Provide adequate ventilation.
Hand protection:	Protective gloves according to EN 374.
Glove material:	Nitrile rubber breakthrough time: >480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to EN 166.
Body protection:	Lab coat.

General protection and hygiene measures:
Change contaminated clothing.
Wash hands before breaks and after work.

Environmental exposure controls
Refer to “6.2 Environmental precautions”.

9 Physical and chemical properties

Physical state at 20 °C and 101.3 kPa:	liquid
Colour:	clear, colourless to yellowish
Odour:	no characteristic odour
Odour threshold:	No data available
pH:	at 25 °C: 7.0
Melting point/freezing point:	approx. 0 °C
Initial boiling point and boiling range:	approx. 100 °C
Flash point/flash point range:	not combustible
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

Density:	at 20 °C: 1.011 g/mL
Water solubility:	completely miscible
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
Oxidizing characteristics:	No data available
Additional information:	No data available

10 Stability and reactivity

10.1 Reactivity
Refer to 10.3

10.2 Chemical stability
Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions
No hazardous reaction known when handled and stored according to provisions.

10.4 Conditions to avoid
Protect against heat / sun rays.

10.5 Incompatible materials
Strong acids and alkalis.

10.6 Hazardous decomposition products
No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition: No data available.

11 Toxicological information

Acute toxicity (oral):	Lack of data.
Acute toxicity (dermal):	Lack of data.
Acute toxicity (inhalative):	Lack of data.
Skin corrosion/irritation:	Lack of data.
Serious eye damage/irritation:	May cause irritations.
Sensitisation to the respiratory tract:	Lack of data.
Skin sensitisation:	Lack of data.
Germ cell mutagenicity/Genotoxicity:	Lack of data.
Carcinogenicity:	Lack of data.
Reproductive toxicity:	Lack of data.
Effects on or via lactation:	Lack of data.
Specific target organ toxicity (single exposure):	Lack of data.
Specific target organ toxicity (repeated exposure):	Lack of data.
Aspiration hazard:	Lack of data.
Symptoms	After eye contact: May cause irritations.
Endocrine disrupting properties:	No data available

12 Ecological information

12.1 Toxicity
Aquatic toxicity: Water hazard class: 1 - Slightly hazardous to water.

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
Partition coefficient: n-octanol/water: No data available

12.4 Mobility in soil
No data available

12.5 Other adverse effects
General information: Contains phosphates: May contribute to the eutrophication of water supplies. Do not allow to enter into groundwater, surface water or drains.

13 Disposal considerations

13.1 Waste treatment methods
Product: Special waste. Dispose of waste according to applicable legislation.

Package: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.

Additional information: Do not reuse empty containers.

14 Transport information

14.1 UN number
ADR/RID, IMDG, IATA, ANTT: Not applicable

14.2 UN proper shipping name
ADR/RID, IMDG, IATA, ANTT: Not restricted

14.3 Transport hazard class(es)
ADR/RID Not applicable
IMDG Not applicable
IATA Not applicable
ANTT Not applicable

14.4 Risk Number
–

14.5 Packing group
ADR/RID, IMDG, IATA, ANTT: Not applicable

14.6 Environmental hazards
Marine pollutant: No

14.7 Special precautions for user
No dangerous good in sense of these transport regulations.

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

Wording of the H-phrases under paragraph 2 and 3:
H302 = Harmful if swallowed.
H318 = Causes serious eye damage.
H412 = Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:
ABNT: Associação Brasileira de Normas Técnicas / National Standards Forum
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ANTT: Agência Nacional de Transporte Terrestre / National Agency of Transportation by Road
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
CNS: Central Nervous System
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EN: European Standard
EQ: Excepted quantities
EU: European Union
GHS: Globally Harmonized System
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
MS: Anvisa's Registry Code
NBR: Brazilian technical ordinance
OSHA: Occupational Safety and Health Administration
pH: Potential of Hydrogen
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
RDC: Resolution from the Directory Board
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
TRGS: Technical Rules for Hazardous Substances
UN: United Nations

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

1.1 Product identifier
Trade Name: Ácido Úrico WS Reagent R2
Article n°: 1010XXX
MS: 80115310194

1.2 Relevant identified uses of the substance or mixture and uses advised against
Reagent for in-vitro diagnostics in human samples
For professional use only.

1.3 Manufacturer
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 – Costumer Service from 8am to 5pm
0800 015 1414

Information 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
This mixture is classified as not hazardous according to ABNT NBR 14725.

2.2 Label elements

Labelling (GHS)

Hazard statements:	Not applicable
Precautionary statements:	Not applicable

2.3 Other hazards
No risks worthy of mention.

3 Composition/information on ingredients

3.1 Substances
Not applicable

3.1 Mixtures

Chemical characterization:	Aqueous solution of inorganic salts and organic compounds.
Additional information:	The product does not contain dangerous substances above limits that need to be mentioned in this section according to applicable legislation.

4 First aid measures

4.1 Description of first aid measures

In case of inhalation:	Provide fresh air. If you feel unwell, seek medical advice.
Following skin contact:	Change contaminated clothing. Remove residues with water. Seek medical attention if irritation persists.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing:	Rinse mouth immediately and drink plenty of water. Induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.

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
Treat symptomatically.

5 Firefighting measures

5.1 Extinguishing media
Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

5.2 Special hazards arising from the substance or mixture
Fires in the immediate vicinity may cause the development of dangerous vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters:	In case of surrounding fires: Wear self-contained breathing apparatus.
Additional information:	Do not allow fire water to penetrate into surface or ground water.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid contact with skin and eyes. Provide adequate ventilation. Wear appropriate protective equipment.

6.2 Environmental precautions
Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up
Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.
Store in special closed containers and dispose of according to ordinance. Wash spill area with plenty of water.

6.4 Reference to other sections
Refer additionally to section 8 and 13.

7 Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes.
Keep all containers, equipment and working place clean.
Provide adequate ventilation, and local exhaust as needed.
Wear appropriate protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:	Keep containers tightly closed and at a temperature between 2 °C and 8 °C. Protect from light. Keep sterile.

7.3 Specific end use(s)
No information available.

8 Exposure controls/personal protection

8.1 Control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls
Provide adequate ventilation, and local exhaust as needed.

Personal protection equipment
Occupational exposure controls

Respiratory protection:	Provide adequate ventilation.
Hand protection:	Protective gloves according to EN 374.
Glove material:	Nitrile rubber. Breakthrough time: >480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to EN 166.
Body protection:	Lab coat.

General protection and hygiene measures:
Change contaminated clothing.
Wash hands before breaks and after work.

Environmental exposure controls
Refer to "6.2 Environmental precautions".

9 Physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Colour: yellowish up to brownish, clear
Odour:	no characteristic odour
Odour threshold:	No data available
pH:	at 25 °C: 7.0
Melting point/freezing point:	approx. 0 °C
Initial boiling point and boiling range:	approx. 100 °C
Flash point/flash point range:	not combustible
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
Density:	at 20 °C: 1.011 g/mL
Water solubility:	completely miscible
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
Oxidizing characteristics:	No data available
Additional information:	No data available

10 Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions
No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid
Protect against heat /sun rays.

10.5 Incompatible materials
Strong acids and alkalis.

10.6 Hazardous decomposition products
No decomposition when used properly.

Thermal decomposition: No data available

11 Toxicological information

Acute toxicity (oral):	Lack of data.
Acute toxicity (dermal):	Lack of data.
Acute toxicity (inhalative):	Lack of data.
Skin corrosion/irritation:	Lack of data.
Serious eye damage/irritation:	Lack of data.
Sensitisation to the respiratory tract:	Lack of data.
Skin sensitisation:	Lack of data.
Germ cell mutagenicity/Genotoxicity:	Lack of data.
Carcinogenicity:	Lack of data.
Reproductive toxicity:	Lack of data.
Effects on or via lactation:	Lack of data.
Specific target organ toxicity (single exposure):	Lack of data.
Specific target organ toxicity (repeated exposure):	Lack of data.
Aspiration hazard:	Lack of data.
Endocrine disrupting properties:	Lack of data.
Other information:	Lack of data.

12 Ecological information

12.1 Toxicity
Aquatic toxicity: Water hazard class: 1 - Slightly hazardous to water.

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
Partition coefficient: n-octanol/water: No data available

12.4 Mobility in soil
No data available

12.5 Other adverse effects
General information: Do not allow to enter into groundwater, surface water or drains.

13 Disposal considerations

13.1 Waste treatment methods

Product:	Special waste. Dispose of waste according to applicable legislation.
Package:	Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.
Additional information:	Do not reuse empty containers.

14 Transport information

14.1 UN number

ADR/RID, IMDG, IATA, ANTT:	Not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA, ANTT:	Not restricted

14.3 Transport hazard class(es)

ADR/RID	Not applicable
IMDG	Not applicable
IATA	Not applicable
ANTT	Not applicable

14.4 Risk Number

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14.5 Packing group

ADR/RID, IMDG, IATA, ANTT:	Not applicable

14.6 Environmental hazards

Marine pollutant:	No

14.7 Special precautions for user

No dangerous good in sense of these transport regulations.

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 / National Standards Forum
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ANTT: Agência Nacional de Transporte Terrestre / National Agency of Transportation by Road
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EN: European Standard
EQ: Excepted quantities
EU: European Union
GHS: Globally Harmonized System
IATA: International Air Transport Association
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
MS: Anvisa's Registry Code
NBR: Brazilian technical ordinance
OSHA: Occupational Safety and Health Administration
NBR: Brazilian technical ordinance
PBT: Persistent, bioaccumulative and toxic
pH: Potential of Hydrogen
PNEC: Predicted no-effect concentration
RDC: Resolution from the Directory Board
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RENACIAT: Rede Nacional de Centros de Informação e Assistência Toxicológica
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
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UN: United Nations