

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifiers

Product name: RPMI 1640
Product number: AC-LM-0060
Brand: anprotec

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

Identified uses: Used in biotechnology. For professional user/industrial user only.

Details of the supplier of the safety data sheet:

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Product fails to meet PBT/vPvB criteria

Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

3. COMPOSITION/INFORMATION ON INGREDIENTS

None of the substances contained in the mixture are above the values of Regulation (EC) No 1907/2006

4. FIRST AID MEASURES

| | |
|--------------------------------|--|
| In case of skin contact | Wash off with soap and plenty of water. |
| In case of eye contact | Rinse with water until the product has been eliminated. |
| Ingestion | Never give anything by mouth to an unconscious person. Rinse mouth with water |
| Inhalation | If breathed in, move person to fresh air. |

5. FIREFIGHTING MEASURES

| | |
|--|--|
| Suitable extinguishing media | Use water spray, carbon dioxide, dry chemical |
| Special Protective equipment for firefighters | Wear self-contained breathing apparatus for firefighting if necessary. |

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Isolate leaks provided that there is no additional risk for the people performing this task.

Environmental precautions

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

Methods and materials for cleaning up

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

Conditions for safe storage, including any incompatibilities Keep in properly labeled containers

Keep container closed in a dry and well-ventilated place.

Recommended storage temperature: 2-8°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---|--|
| Exposure controls | We are not aware of any national exposure limit. |
| 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 NIOSH (US) or EN 166(EU).

Skin protection

Handle with 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387)respirator cartridges as a backup to enginee protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-------------------|
| Appearance Form: | Form: liquid |
| Odour | no data available |
| Odour Threshold | no data available |
| pH | 7 – 7,6 |
| Melting point/freezing point | no data available |
| Initial boiling point and boiling range | no data available |
| Flash point | no data available |
| Evapouration rate | no data available |
| Flammability (solid, gas) | 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 |
| Oxidizing properties | no data available |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | No hazardous reactions are expected because the product is stable under recommended storage conditions. |
| Chemical stability | Stable under recommended storage conditions |
| Possibility of hazardous reactions | no data available |
| Conditions to avoid | no data available |
| Incompatible materials | no data available |
| Hazardous decomposition products | no data available |

11. TOXICOLOGICAL INFORMATION

| | |
|---|--|
| Acute toxicity | not hazardous |
| Principle Routes of Exposure/ Potential Health effects | |
| Eyes | May cause eye irritation with susceptible persons. |
| Skin corrosion | May cause skin irritation in susceptible persons. |
| Inhalation | May be harmful by inhalation. |
| Ingestion | May be harmful if swallowed |
| Serious eye damage/irritation | no data available |
| Respiratory or skin sensitisation | no data available |

12. ECOLOGICAL INFORMATION

| | |
|---|---|
| Toxicity | no data available |
| Persistence and degradability | no data available |
| Bioaccumulative potential | no data available |
| Mobility in soil | no data available |
| Results of PBT and vPvB assessment | Product fails to meet PBT/vPvB criteria |
| Other adverse effects | no data available |

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Product
 Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging
 Dispose of as unused product

14. TRANSPORT INFORMATION

| | | | |
|-------------------------------------|------------------------------|----------------------------|---------------------------|
| UN number | ADR/RID: - | IMDG: - | IATA: - |
| UN proper shipping name | ADR/RID: Not dangerous goods | IMDG: Not dangerous goods | IATA: Not dangerous goods |
| Transport hazard class(es) | ADR/RID: - | IMDG: - | IATA: - |
| Packaging group | ADR/RID: - | IMDG: - | IATA: - |
| Environmental hazards | ADR/RID: no | IMDG: Marine pollutant: no | IATA: no |
| Special precautions for user | | no data available | |

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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.

Chemical Safety Assessment

No data available

16. OTHER INFORMATION

Further information

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European level, without being able to guarantee its accuracy.

This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements.

The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products.

The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

[Dirk Hindorf - anprotec](#) shall not be held liable for any damage resulting from handling or from contact with the above product.