

MATERIAL SAFETY DATA SHEET

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

Product identifiers

Product name: RPMI 1640, w: stable Glutamine, w: 25 mM HEPES, w: 2.0 g/L

NaHCO3

Product number: P04-18050

Brand: PAN Biotech

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

Identified uses: Laboratory chemicals, Manufacture of substances

Details of the supplier of the safety data sheet

Company PAN Biotech GmbH

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Emergency telephone number

Emergency phone: +49-(0)8543-6016-30 or +49 151 51557123

2. HAZARDS INDENTIFICATION

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Label elements

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

4. FIRST AID MEASURES



If breathed in, move person into fresh air. If not breathing, give

artificial respiration.

In case of skin contact Wash off with soap and plenty of water.

In case of eye contact Flush eyes with water as a precaution.

If swallowed Never give anything by mouth to an unconscious person. Rinse

mouth with water.

Notes to physician Treat symptomatically.

5. <u>FIREFIGHTING MEASURES</u>

Suitable extinguishing media

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

dioxide.

Advice for firefighters Wear self contained breathing apparatus for firefighting if

necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Environmental precautions

Methods for cleaning up

Use personal protective equipment.

Prevent further leakage or spillage if safe to do so.

Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

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

equipment.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controlsWe 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 he 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



Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form: liquid Odour no data available **Odour Threshold** no data available Ha no data available Melting point/freezing point no data available Initial boiling point and boiling range no data available Flash point no data available no data available **Evapouration rate** no data available Flammability (solid, gas) 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: noctanol/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 data available

Chemical stability Stable under normal conditions.

Materials to avoid No dangerous reaction known under conditions of normal use.

Hazardous decomposition products None under normal use.

Polymerisation Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity not hazardous

Priniciple Routes of Exposure/ Potential Health effects

EyesMay cause eye irritation with susceptible persons. **Skin**May cause skin irritation in susceptible persons.

InhalationMay be harmful by inhalation.IngestionMay be harmful if swallowed

Carcinogenic effects none

According to Regulation [EC] No. 1907/2006 Version 1.2 Revised 12/12/2016



Mutagenic effectsnoneReproductive toxicitynoneSensitisationnone

12. ECOLOGICAL INFORMATION

Toxicity no data available

BiodegradationInherently biodegradable.Bioaccumulative potentialDoes not bioaccumulate.Mobilityno data available

13. <u>DISPOSAL CONSIDERATIONS</u>

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 no data available

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16. OTHER INFORMATION

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

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