

# Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006

## 1 - Product Information

Product Name:  
RPMI 1640 with stable Glutamine

Product Number: 1-41F50

## 2 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT  
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

## 3 - Composition/Information on Ingredients

Product Name

RPMI 1640 with stable Glutamine

General: Liquid cell culture medium composed of a mixture of amino acids, inorganic salts, carbohydrates, lipids and vitamins (< 2.5%) dissolved in water (> 97.5%)

## 4 - First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and copious amounts of water.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

## 5 - Fire Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6 - Accidental Release Measures

### METHODS FOR CLEANING UP

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

## 7 - Handling and Storage

### HANDLING

Directions for Safe Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

### STORAGE

Conditions of Storage: Keep tightly closed.  
Store at +2°C to +8°C.

## 8 - Exposure Controls / Personal Protection

### ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

### GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

Hand Protection: Protective gloves.

Eye Protection: Chemical safety goggles.

## 9 - Physical and Chemical Properties

Appearance Physical State: Liquid

Property Value At Temperature or Pressure

pH	7.3 ± 0.2
BP/BP Range	No information available
MP/MP Range	No information available
Flash Point	No information available
Flammability	No information available
Autoignition Temp	No information available
Oxidizing Properties	No information available
Explosive Properties	No information available
Explosion Limits	No information available
Vapor Pressure	No information available
SG/Density	No information available
Partition Coefficient	No information available
Viscosity	No information available
Vapor Density	No information available

Saturated Vapor Conc.	No information available
Evaporation Rate	No information available
Bulk Density	No information available
Decomposition Temp.	No information available
Solvent Content	No information available
Water Content	No information available
Surface Tension	No information available
Conductivity	No information available
Miscellaneous Data	No information available
Solubility	No information available

## 10 - Stability and Reactivity

### STABILITY

Stable: Stable.

Materials to Avoid: Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

### HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

## 11 - Toxicological Information

### SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract.

May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

## 12 - Ecological Information

No data available.

## 13 - Disposal Considerations

### SUBSTANCE DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## 14 - Transport Information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

## **15 - Regulatory Information**

Not hazardous according to Directive 67/548/EEC.

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

Caution: Substance not yet fully tested (EU).

## **16 - Other Information**

### **WARRANTY**

The information, data, and recommendations contained herein are believed to be accurate but may not be all-inclusive and should only be used as a guide. BioConcept AG, makes no warranty of any kind whatever with respect thereto and disclaims all liability from reliance thereon. We reserve the right to revise this MSDS periodically as new information becomes available.

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