

SCIENCE CELL RESEARCH LABORATORIES  
MATERIAL SAFETY DATA SHEET

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**Section 1 – Product and Company Information**

Product Name	Osteoblast Medium-phenol red free
Product Code	ObM-prf
Catalogue Number	4601-prf
Company	ScienCell Research Laboratories
Street Address	6076 Corte Del Cedro
City, State, Zip, Country	Carlsbad, CA 92011 US
Technical Phone:	(877) 602-8549
Emergency Phone:	(760) 602-8549
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**Section 2 – Composition/Information on Ingredients**

Substance Name	CAS #	Percent
Osteoblast Medium-phenol red free	None	None

**Section 3 – Hazards Identification**

**HMIS RATING**

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

**NFPA RATING**

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

For additional information on toxicity, please refer to Section 11.

**Section 4 – First Aid Measures**

**ORAL EXPOSURE**

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

**INHALATION EXPOSURE**

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

#### DERMAL EXPOSURE

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

#### EYE EXPOSURE

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 finger. Call a physician.

### Section 5 – Fire Fighting Measures

#### FLASH POINT

N/A

#### AUTOIGNITION TEMP

N/A

#### FLAMMABILITY

N/A

#### EXTINGUISHING MEDIA

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

#### FIREFIGHTING

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

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

### Section 6 – Accidental Release Measures

Accidental releases may subject to special reporting requirements and other regulatory mandates. Refer to Section 8 for personal protection equipment recommendations

#### Spill Cleanup:

Absorb spill. Common absorbent materials should be effective. Deposit in appropriate containers for removal and disposal

### Section 7 – Handling and Storage

Storage or some materials is regulated by federal, state, and/or local laws.

#### Storage Pressure:

Ambient

#### Handling Procedures:

Keep closed or covered when not in use.

#### Storage Procedures:

Suitable for most general chemical storage areas.

Store at 2-8°C and protect from light.

#### Section 8 – Exposure Controls, Personal Protection

Exposure Limits:

Component	OSHA PEL (ppm)	AGCIH TWA (ppm)
No hazardous components		

Engineering Controls:

Area ventilation is generally adequate.

Personal Protective Equipment:

Eye:

Safety glasses should be the minimum eye protection.

Skin:

Gloves should be used as minimum hand protection.

Respiratory:

No respiratory protection will be needed under normal industrial operating conditions.

#### Section 9 – Physical and Chemical Properties

Appearance/physical state:	Liquid solution / suspension
Odor:	No odor.
Specific Gravity/Density:	Not available.
Octanol/water Partition coeff:	Not available.
Volatiles:	Not available.
Evaporation Rate:	Not available.
Viscosity:	Not available.
Molecular Weight:	Not available.
pH:	Not available.
BP/BP Range:	Not available.
MP/MP Range:	Not available.
Freezing Point:	Not available.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Saturated Vapor Conc.:	Not available.
Bulk Density:	Not available.
VOC Content:	Not available.
Water content:	Not available.
Solvent content:	Not available.
Surface Tension:	Not available.
Decomposition Temp.:	Not available.

Flash Point:	Not available.
Explosion Limits:	Not available.
Flammability:	Not available.
Autoignition Temp.:	Not available.
Refractive Index:	Not available.
Optical Rotation:	Not available.
Miscellaneous Data:	Not available.
Solubility:	Not available.

#### Section 10 – Stability and Reactivity

Stability:  
Stable under ordinary conditions of use and storage.

Conditions to avoid:  
Strong oxidizers.

Hazardous Decomposition Products:  
Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides, Hydrogen chloride gas.

Hazardous Polymerization:  
Not expected to occur.

#### Section 11 – Toxicological Information

Acute Toxicity:

Dermal/Skin:  
May cause skin irritation.

Inhalation/Respiratory:  
Not determined.

Oral/Ingestion:  
May be harmful if swallowed.

Target Organs:  
No data found.

Carcinogenicity:

NTP:  
Not tested.

IARC:

Not listed.

OSHA:  
Not regulated.

Other Toxicological Information

#### Section 12 – Ecological Information

Ecotoxicological Information:  
No ecological information available.

Environmental Fate (Degradation, Transformation, and Persistence):  
Bioconcentration is not expected to occur.

#### Section 13 – Disposal Considerations

Regulatory Information:  
Not applicable.

Disposal Method:  
Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

#### Section 14 – Transport Information

DOT

Proper Shipping Name: None  
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

#### Section 15 – Regulatory Information

UNITED STATES REGULATORY INFORMATION:

TSCA:

This product is solely for research and development purposes only and may not be used, processed or distributed for a commercial purpose. It may only be handled by technically qualified individuals.

Prop 65 Listed Chemicals: PROP 65 PERCENT  
No Prop 65 Chemicals.

No 313 Chemicals

SARA Listed:

No.

CANADA REGULATORY INFORMATION:

DSL/NDSL:

No.

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

EUROPEAN UNION REGULATORY INFORMATION:

PRODUCT RISK PHRASES:

None assigned.

PRODUCT SAFETY PHRASES:

Not applicable.

PRODUCT CLASSIFICATION:

Not classified as hazardous.

#### Section 16 – Other Information

HMIS Rating 0-4:

FIRE: Not determined.

HEALTH: Not determined.

REACTIVITY: Not determined.

Abbreviations

N/A – Data is not applicable or not available

SARA – Superfund and Reauthorization Act

HMIS – Hazard Material Information System

WHMIS – Workplace Hazard Materials Information System

NTP – National Toxicology Program

OSHA – Occupational Health and Safety Administration

IARC – International Agency for Research on Cancer

PROP 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986

EINECS – European Inventory of Existing Commercial Chemical Substances

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WARRANTY

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