



SAFETY DATA SHEET

Cat. No. CTG-CV0004, Rhod-2 AM, fluorescent Ca indicator ISSUE DATE MAY 3, 2019

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Rhod-2 AM, fluorescent Ca indicator
PRODUCT CODES: Cat. No. CTG-CV0004
MANUFACTURER: Celltechgen LLC
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CHEMTREC PHONE:
OTHER CALLS: 281-531-7940
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SECTION 2. HAZARDS IDENTIFICATION

GHS - Classification
Signal Word
None

Hazard pictograms
None

Health hazards
Not Hazardous

Environmental hazards
Not Hazardous

Hazard Statements
Not Applicable

Precautionary Statements
Prevention
Not Applicable

Response
Not Applicable

Storage
Not Applicable

Disposal
Not Applicable

Other hazards



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Not Applicable

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HMIS

Health	0
Flammability	0
Reactivity	0

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#
Rhod-2, AM	CAS#: 145037-81-6	145037-81-6 N/A

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Skin contact	Rinse with plenty of water . Immediate medical attention is not required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Notes to Physician	Treat symptomatically.

Most important symptoms and effects, both acute and delayed
Not Applicable

Indication of any immediate medical attention and special treatment needed
None.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Water spray. Carbon dioxide (CO2). Foam. Dry chemical.

Unsuitable extinguishing media No information available.

Special hazards arising from the substance or mixture Not known.

Advice for fire-fighters Standard procedure for chemical fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

Environmental precautions

No special environmental precautions required.



Methods and material for containment and cleaning up
Soak up with inert absorbent material.

Reference to other sections
See section 8 for more information.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Use personal protective equipment as required. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities
Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Specific end use(s)
For research use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits Contains no substances with occupational exposure limit values.
Engineering measures Ensure adequate ventilation, especially in confined areas

Exposure controls

Personal Protective Equipment
Respiratory protection In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection Wear suitable gloves Glove material: Compatible chemical-resistant gloves.
Eye protection Tight sealing safety goggles

Skin and Body Protection Wear suitable protective clothing
Hygiene measures Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls
No special environmental precautions required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid
Odor:	Odorless
Odor Threshold:	No data available
pH:	7.2
Melting point/range:	No data available
Boiling point/boiling range:	No data available
Flash point:	does not flash
Evaporation rate:	No data available



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Flammability (liquids):	The product is not flammable.
Self-ignition :	No data available
Autoignition temperature:	No data available
Upper explosion limit:	No data available
Lower explosion limit:	No data available
Vapor pressure:	No data available
Relative vapor density:	No data available
Relative density:	No data available
Density :	1.14 g/cm ³

Solubility(ies)

Water solubility:	Low
Solubility in other solvents:	No data available
Partition coefficient: noctanol/water:	No data available
Decomposition temperature:	No data available

Viscosity

Viscosity, dynamic:	No data available
Viscosity, kinematic:	No data available
Oxidizing properties:	The substance or mixture is not classified as oxidizing.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use. No decomposition if stored and applied as directed. Conditions to avoid: No data available
Incompatible materials:	No data available
Hazardous decomposition products:	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

There is no evidence available indicating acute toxicity.

Principal Routes of Exposure

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
STOT - Single Exposure	Conclusive but not sufficient for classification
STOT - Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification



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SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations

SECTION 14: TRANSPORT INFORMATION

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number Not Applicable

UN proper shipping name Not Applicable

Transport hazard class(es) Not Applicable

Packing group Not Applicable

Environmental hazards Not Applicable

Special precautions for user Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.



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US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

Issue Date: 5/13/2019

Version #: 2.1

Revision Information:

Source of information:

ECHA: <http://echa.europa.eu/>

TOXNET: <http://toxnet.nlm.nih.gov/>

eChemPortal: <http://www.echemportal.org/>

Further Information: No data available.

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