

SECTION 1: Product and Company Identification

Identification of the substance or mixture

Catalog #: 10434, 10434-1
Product Name: AlamarBlue Cell Viability Assay Reagent

Company Identification

Cepharm Life Sciences Inc.
11830 W Market Place, Suite K
Fulton, MD 20759
USA
Toll Free: 1-800-257-1565
Phone: 410-636-4954

24-hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Toll Free: 1-800-424-9300/ +1 703-527-3887 CCN 1010970

For Research Use Only. Not for use in diagnostic procedures.

SECTION 2: Hazards identification

GHS - Classification

Signal Word

None

Health hazards

Not classified

Hazard Statements

Not Applicable

Precautionary Statements

Not Applicable

Principle Routes of Exposure

Potential Health Effects

eyes May cause eye irritation with susceptible persons.

Skin May cause skin irritation in susceptible persons.

Inhalation May be harmful by inhalation.

Ingestion May be harmful if swallowed.

Specific effects

Carcinogenic effects None.

Mutagenic effects None.

Reproductive toxicity None.

Sensitization None.

Target Organ Effects No known effects under normal use conditions

HMIS

Health	0
Flammability	0
Reactivity	0

SECTION 3: Composition / Information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4: First Aid Measures

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

In case of skin contact

Rinse cautiously with water for several minutes. Immediate medical attention is not required.

In case of eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

If swallowed

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Most important symptoms and effects, both acute and delayed

Not Applicable

Notes to Physician

Treat symptomatically.

SECTION 5: Firefighting Measures

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment for firefighters

Standard procedure for chemical fires.

Specific hazards arising from the chemical

Not known

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Always wear recommended Personal Protective Equipment. Use personal protection equipment.

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

For disposal see section 13.

SECTION 7: Handling & Storage

Precautions for safe handling

Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Storage

Keep in a dry, cool and well-ventilated place.

SECTION 8: Exposure Controls / Personal Protection

Exposure Limits

We are not aware of any national exposure limit.

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	Impervious gloves.
Eye protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Lightweight 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

Information on basic physical and chemical properties

a) Appearance	Form: liquid
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

Other safety information

no data available

SECTION 10: Stability & Reactivity

Chemical stability	Stable under normal conditions
Materials to avoid	No dangerous reaction known under conditions of normal use.
Possibility of hazardous reactions	Hazardous reaction has not been reported
Hazardous decomposition products	None under normal use conditions.
Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None under normal processing.

SECTION 11: Toxicological Information

Acute toxicity

No data available

Principle Routes of Exposure

Potential Health Effects

Eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
inhalation	May be harmful by inhalation.
Ingestion	May be harmful if swallowed.

Carcinogenic effects	None.
Mutagenic effects	None.
Reproductive toxicity	None.
Sensitization	None.

SECTION 12: Ecological Information

Ecotoxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Mobility	No information available.
Biodegradation	Inherently biodegradable.
Bioaccumulation	Material does not bioaccumulate.

SECTION 13: Disposal Considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport Information

IATA		
Proper Shipping Name		No dangerous good in sense of these transport regulations
Hazard Class		None
Subsidiary class		None
Packing group		None
UN-No		None
Environmental hazards		None

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.

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

Disclaimer:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not represent any guarantee of the properties of the product. Cepham Life Sciences Incorporated and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.