

MATERIAL SAFETY DATA SHEET
0.8% LE AGAROSE with 0.5µg/mL ETHIDIUM BROMIDE

Page 1 of 3

1. Product And Company Identification

Teknova Inc.

2290 Bert Dr.

Hollister, Ca 95023

Telephone Number: 831-637-1100

Emergency Contacts/Telephone Numbers

Chemtrec Emergency Phone Number: (800) 424-9300

Issue Date: 10/6/2009

Catalog Number: A1716

Product Name: 0.8% LE AGAROSE with 0.5µg/mL ETHIDIUM BROMIDE

2. Composition/Information On Ingredients

Ingredients	Cas Number	Sara #:
TBE	N/A	N/A
Le agarose	9012-36-6	N/A
Ethidium Bromide	1239-45-8	N/A

3. Hazards Identification

EMERGENCY OVERVIEW

Toxic.

Highly toxic by inhalation, Harmful by ingestion, Mutagen

Irritating to eyes. May impair fertility. May cause harm to the unborn child.

Possible sensitizer. Target organ(s): Testes. Teratogen.

Hmis Rating

Health: 3

Flammability: 0

Reactivity: 0

Nfpa Rating:

Health: 3

Flammability: 0

Reactivity: 0

REFER TO SECTION 11 FOR MORE INFORMATION.

4. First Aid Measures

Eye

In Case Of Contact, Immediately Flush Eyes With Copious Amounts Of Water For At Least 15 Minutes. Assure Adequate Flushing By Separating The Eyelids With Fingers. Contact a doctor.

Skin

In Case Of Contact, Immediately Wash Skin With Soap And Copious Amounts Of Water. Take victim to hospital. Wash Contaminated Clothing Before Reuse. Contact a doctor.

Inhalation

If Inhaled, Remove To Fresh Air. If Not Breathing Give Artificial Respiration. If Breathing Is Difficult, Give Oxygen. Contact a doctor.

Ingestion

If Swallowed, Wash Out Mouth With Water Provided Person Is Conscious. Contact a doctor.

5. Fire Fighting Measures

Flammable Properties

N/A

Suitable Extinguishing Media

Use Water Spray, Alcohol-Resistant Foam, Dry Chemical Or Carbon Dioxide.

Special Protective Equipment For Fire-Fighters

Wear Self Contained Breathing Apparatus For Fire Fighting If Necessary.

6. Accidental Release Measures

Personal precautions

MATERIAL SAFETY DATA SHEET
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Page 2 of 3

Evacuate personnel to safe areas. Avoid forming dust. Avoid breathing gas, mist or vapors. Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. Handling And Storage

Handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Normal measures for preventive fire Protection.

Storage

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

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS

Safety Shower And Eye Bath. Mechanical Exhaust Required.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the Respirator is the sole means of protection; use a full-face supplied air respirator. Use respirators and components Tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand: Protective Gloves.

Eye: face shield and safety glasses.

GENERAL HYGIENE MEASURES

Wash Thoroughly After Handling.

9. Physical And Chemical Properties

Appearance And Physical Properties: Solid

Safety Data:

N/A

10. Stability And Reactivity

Storage Stability

Stable Under Recommended Storage Conditions.

Materials To Avoid

Strong Oxidizing Agents

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Hydrogen Bromide gas.

11. Toxicological Information

ROUTE OF EXPOSURE

Inhalation May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion Harmful if swallowed.

Skin Harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Target organ: testes.

Signs and Symptoms of Exposure

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

12. Ecological Information

N/A

13. Disposal Considerations

Dispose Of Any Unused Material. Observe All Federal, State And Local Environmental Regulations.

14. Transport Information

DOT (US)

UN number: 2810 Class: 6.1 Packing group: III

Proper shipping name: Toxic, liquids, organic, n.o.s. (3,8-Diamino-1-ethyl-6-phenylphenantridinium bromide)

Reportable Quantity (RQ):

Marine pollutant: No

MATERIAL SAFETY DATA SHEET
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Page 3 of 3

Poison Inhalation Hazard: No

IMDG

UN number: 2810 Class: 6.1 Packing group: III EMS-No: F-A, S-A

Proper shipping name: TOXIC LIQUID, ORGANIC, N.O.S. (3,8-Diamino-1-ethyl-6-phenylphenantridinium bromide)

Marine pollutant: No

IATA

UN number: 2810 Class: 6.1 Packing group: III

Proper shipping name: Toxic liquid, organic, n.o.s. (3,8-Diamino-1-ethyl-6-phenylphenantridinium bromide)

15. Regulatory Information

EMERGENCY OVERVIEW

OSHA Hazards

Toxic.

Highly toxic by inhalation, Harmful by ingestion., Mutagen

Irritating to eyes. May impair fertility. May cause harm to the unborn child.

Possible sensitizer. Target organ(s): Testes. Teratogen.

Canada Regulatory Information

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.

Dsl: No

Ndsl: No

16. Other Information

Disclaimer

For R&D Use Only. Not For Drug, Household Or Other Uses.

Warranty

The Above Information Is Believed To Be Correct But Does Not Purport To

Be All Inclusive And Shall Be Used Only As A Guide. Teknova, Inc. Shall Not Be Held Liable For Any Damage Resulting From Handling Or From Contact With The Above Product.

Teknova, Inc.