

# SAFETY DATA SHEET (SDS)

## Micropipetting 101

Issue date: 19-05-2025

### Section 1: Product Identifier and Chemical Identity

Product Identifier	
Product Name:	Micropipetting 101 (practice loading gel, electrophoresis)
Product Codes:	G40.642
Other means of identification:	
External product name and code/s:	KT-1510-10
Manufacturer:	
Amplius LLC	1770 Massachusetts Avenue, Suite 167, Cambridge Massachusetts USA 02140 Website: <a href="http://www.minipcr.com">www.minipcr.com</a>
Suppliers name, address and phone number	
Suppliers Name:	Southern Biological
Suppliers ABN:	94 630 703 810
Suppliers Address:	168 Fulham Road Alphington Victoria 3078 Australia
Suppliers Phone No.:	1300 138 561
Emergency Phone number (BH)	1300 138 561



## SAFETY DATA SHEET (SDS)

Micropipetting @home – KT-1101-01

Micropipetting 101 – KT-1510-10

**Latest revision date:** October 13, 2020

**Revision:** 1.0

**SDS prepared by:** Amplyus

### SECTION 1 — IDENTIFICATION

**Product name:** Micropipetting practice dye – Red (KT-1510-10)

**Catalog or product number:** KT-1510-10 and KT-1101-01

**Product use:** This product is for education and research use only

**Supplier:**

Amplyus LLC

1770 Massachusetts Avenue, Suite 167

Cambridge, MA 02140

Phone: 1-781-990-8727

Fax: 888-317-0512

**CHEMTREC Emergency Telephone Number:** 1-800-262-8200

### SECTION 2 — HAZARDS IDENTIFICATION

**GHS classification:** Not a dangerous substance or mixture according to the Global Harmonized System (GHS)

**Hazard statement(s):** Product contains no substances which at their given concentration, are considered to be hazardous to health.

**Precautionary statement(s):** N/A

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
FD&C Red #40 Dye	< 1%	25956-17-6
Glycerol	10%	56-81-5

### SECTION 4 — FIRST AID MEASURES

**General information:** No special measures required

**Eye contact:** Flush opened eye immediately with plenty of water as a precaution. If irritation persists, get medical attention.

**Skin contact:** Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.

**Inhalation:** Move to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** Call Poison Control immediately. Rinse mouth with cold water. Give victim 1-2 cups of water or milk to drink. Induce vomiting immediately.

### SECTION 5 — FIRE-FIGHTING MEASURES

**Conditions of flammability:** Not flammable

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary

**Hazardous combustion products:** Carbon oxides

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid breathing vapors, gas, or mist. Prevent skin/eye contact. Wear personal protective equipment as needed.

**Environmental precautions:** No special measures required.

**Methods and materials for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

## SECTION 7 — HANDLING AND STORAGE

**Precautions for safe handling:** No special measures required.

**Conditions for safe storage:** No special measures required. Store at room temperature.

**Incompatible products:** N/A

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering controls:** Not required. General room ventilation is adequate for use of this product.

**Personal protective measures:** Wash hands thoroughly after handling. Do Not eat, drink or smoke when handling this product.

**Personal protective equipment:**

- **Skin protection:** protective gloves, appropriate protective clothing
- **Eye protection:** safety glasses

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid

**Color:** Red

**Odor:** No data available

**Odor threshold:** No data available

**pH:** No data available

**Melting point/freezing point:** No data available

**Boiling point:** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Ignition temperature:** No data available

**Autoignition temperature:** No data available

**Lower explosion limit:** No data available

**Upper explosion limit:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Relative density (water = 1):** No data available

**Water solubility:** No data available

**Partition coefficient (n-octanol/water):** No data available

**Viscosity:** No data available

## SECTION 10 — STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions

**Incompatible materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions.  
- Carbon oxides

## SECTION 11 — TOXICOLOGICAL INFORMATION

**Acute toxicity LD/LC50 values:** LD50 [oral, rat]; 300 mg/kg

Inhalation: No data available

Dermal: No data available

**Respiratory or skin sensitization:** No data available

**Germ cell mutagenicity:** No data available

**Reproductive toxicity:** No data available

**Teratogenicity:** No data available

**Carcinogenicity:** No components of this product are listed by IARC, NTP, and OSHA

## SECTION 12 — ECOLOGICAL INFORMATION

**Toxicity:** Toxic to fish (ECHA)

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT assessment:** No data available

**vPvB assessment:** No data available

**Other adverse effects:** None known

## SECTION 13 — DISPOSAL CONSIDERATIONS

**Product:** Dispose of waste in accordance with applicable national, regional, or local regulations. Do Not allow product to reach ground water, water course, or sewage system

**Contaminated packaging:** Dispose of packaging in accordance with applicable national, regional, or local regulations

## SECTION 14 — TRANSPORT INFORMATION

This substance is considered to be Non-hazardous for transport

## SECTION 15 — REGULATORY INFORMATION

**SARA 302/304 (40CFR355.30/40CFR355.40):** This material does not contain any components with a section 302 EHS TPQ or a section 304 EHS RQ

**SARA 313:** Substance not listed

**SARA 311/312:** Chronic health hazard

**California Proposition 65:** Substance not listed

**Massachusetts right to know:** Substance not listed

## SECTION 16 — OTHER INFORMATION

This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Amplyus LLC is not held liable for any damage resulting from handling or from contact with the above mentioned products



## SAFETY DATA SHEET (SDS)

Micropipetting @home – KT-1101-01

Micropipetting 101 – KT-1510-10

**Latest revision date:** October 13, 2020

**Revision:** 1.0

**SDS prepared by:** Amplyus

### SECTION 1 — IDENTIFICATION

**Product name:** Micropipetting practice dye – Blue (KT-1510-10)

**Catalog or product number:** KT-1510 and KT-1101-01

**Product use:** This product is for education and research use only

**Supplier:**

Amplyus LLC

1770 Massachusetts Avenue, Suite 167

Cambridge, MA 02140

Phone: 1-781-990-8727

Fax: 888-317-0512

**CHEMTREC Emergency Telephone Number:** 1-800-262-8200

### SECTION 2 — HAZARDS IDENTIFICATION

**GHS classification:** Not a dangerous substance or mixture according to the Global Harmonized System (GHS)

**Hazard statement(s):** Product contains no substances which at their given concentration, are considered to be hazardous to health.

**Precautionary statement(s):** N/A

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Blue food coloring	1.5%	N/A
Glycerol	10%	56-81-5

### SECTION 4 — FIRST AID MEASURES

**General information:** No special measures required

**Eye contact:** Flush opened eye immediately with plenty of water as a precaution. If irritation persists, get medical attention.

**Skin contact:** Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.

**Inhalation:** Move to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** Rinse mouth with water. Seek medical attention and appropriate follow-up.

### SECTION 5 — FIRE-FIGHTING MEASURES

**Conditions of flammability:** Not flammable

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary

**Hazardous combustion products:** Carbon oxides

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid breathing vapors, gas, or mist. Prevent skin/eye contact. Wear personal protective equipment as needed.

**Environmental precautions:** No special measures required.

**Methods and materials for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

## SECTION 7 — HANDLING AND STORAGE

**Precautions for safe handling:** No special measures required.

**Conditions for safe storage:** No special measures required. Store at room temperature.

**Incompatible products:** N/A

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering controls:** Not required. General room ventilation is adequate for use of this product.

**Personal protective measures:** Wash hands thoroughly after handling. Do Not eat, drink or smoke when handling this product.

**Personal protective equipment:**

- **Skin protection:** protective gloves, appropriate protective clothing
- **Eye protection:** safety glasses

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid

**Color:** Blue

**Odor:** No data available

**Odor threshold:** No data available

**pH:** No data available

**Melting point/freezing point:** No data available

**Boiling point:** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Ignition temperature:** No data available

**Autoignition temperature:** No data available

**Lower explosion limit:** No data available

**Upper explosion limit:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Relative density (water = 1):** No data available

**Water solubility:** No data available

**Partition coefficient (n-octanol/water):** No data available

**Viscosity:** No data available

## SECTION 10 — STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions

**Incompatible materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions.  
- Carbon oxides

## SECTION 11 — TOXICOLOGICAL INFORMATION

**Acute toxicity LD/LC50 values:** LD50 Oral - Rat - 27,200 mg/kg - Remarks: (ECHA)

Inhalation: No data available

LD50 Dermal - Rabbit - > 10,000 mg/kg

**Respiratory or skin sensitization:** No data available

**Germ cell mutagenicity:** No data available

**Reproductive toxicity:** No data available

**Teratogenicity:** No data available

**Carcinogenicity:** No components of this product are listed by IARC, NTP, and OSHA

## SECTION 12 — ECOLOGICAL INFORMATION

**Toxicity:** Toxic to fish (ECHA)

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT assessment:** No data available

**vPvB assessment:** No data available

**Other adverse effects:** None known

## SECTION 13 — DISPOSAL CONSIDERATIONS

**Product:** Dispose of waste in accordance with applicable national, regional, or local regulations. Do Not allow product to reach ground water, water course, or sewage system

**Contaminated packaging:** Dispose of packaging in accordance with applicable national, regional, or local regulations

## SECTION 14 — TRANSPORT INFORMATION

This substance is considered to be Non-hazardous for transport

## SECTION 15 — REGULATORY INFORMATION

**SARA 302/304 (40CFR355.30/40CFR355.40):** This material does not contain any components with a section 302 EHS TPQ or a section 304 EHS RQ

**SARA 313:** Substance not listed

**SARA 311/312:** Chronic health hazard

**California Proposition 65:** Substance not listed

**Massachusetts right to know:** Substance not listed

## SECTION 16 — OTHER INFORMATION

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## SAFETY DATA SHEET (SDS)

Micropipetting @home – KT-1101-01

Micropipetting 101 – KT-1510-10

**Latest revision date:** October 13, 2020

**Revision:** 1.0

**SDS prepared by:** Amplyus

### SECTION 1 — IDENTIFICATION

**Product name:** Micropipetting practice dye – Yellow (KT-1510-10)

**Catalog or product number:** KT-1510-10 and KT-1101-01

**Product use:** This product is for education and research use only

**Supplier:**

Amplyus LLC

1770 Massachusetts Avenue, Suite 167

Cambridge, MA 02140

Phone: 1-781-990-8727

Fax: 888-317-0512

**CHEMTREC Emergency Telephone Number:** 1-800-262-8200

### SECTION 2 — HAZARDS IDENTIFICATION

**GHS classification:** Not a dangerous substance or mixture according to the Global Harmonized System (GHS)

**Hazard statement(s):** Product contains no substances which at their given concentration, are considered to be hazardous to health.

**Precautionary statement(s):** N/A

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Yellow food coloring	1.5%	N/A
Glycerol	10%	56-81-5

### SECTION 4 — FIRST AID MEASURES

**General information:** No special measures required

**Eye contact:** Flush opened eye immediately with plenty of water as a precaution. If irritation persists, get medical attention.

**Skin contact:** Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.

**Inhalation:** Move to fresh air. If breathing becomes difficult, call a physician.

**Ingestion:** Rinse mouth with water. Seek medical attention and appropriate follow-up.

### SECTION 5 — FIRE-FIGHTING MEASURES

**Conditions of flammability:** Not flammable

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary

**Hazardous combustion products:** Carbon oxides

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid breathing vapors, gas, or mist. Prevent skin/eye contact. Wear personal protective equipment as needed.

**Environmental precautions:** No special measures required.

**Methods and materials for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

## SECTION 7 — HANDLING AND STORAGE

**Precautions for safe handling:** No special measures required.

**Conditions for safe storage:** No special measures required. Store at room temperature.

**Incompatible products:** N/A

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering controls:** Not required. General room ventilation is adequate for use of this product.

**Personal protective measures:** Wash hands thoroughly after handling. Do Not eat, drink or smoke when handling this product.

**Personal protective equipment:**

- **Skin protection:** protective gloves, appropriate protective clothing
- **Eye protection:** safety glasses

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid

**Color:** Yellow

**Odor:** No data available

**Odor threshold:** No data available

**pH:** No data available

**Melting point/freezing point:** No data available

**Boiling point:** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Ignition temperature:** No data available

**Autoignition temperature:** No data available

**Lower explosion limit:** No data available

**Upper explosion limit:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Relative density (water = 1):** No data available

**Water solubility:** No data available

**Partition coefficient (n-octanol/water):** No data available

**Viscosity:** No data available

## SECTION 10 — STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions

**Incompatible materials to avoid:** Strong oxidizing agents

**Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions.  
- Carbon oxides

## SECTION 11 — TOXICOLOGICAL INFORMATION

**Acute toxicity LD/LC50 values:** LD50 Oral - Rat - 27,200 mg/kg - Remarks: (ECHA)

Inhalation: No data available

LD50 Dermal - Rabbit - > 10,000 mg/kg

**Respiratory or skin sensitization:** No data available

**Germ cell mutagenicity:** No data available

**Reproductive toxicity:** No data available

**Teratogenicity:** No data available

**Carcinogenicity:** No components of this product are listed by IARC, NTP, and OSHA

## SECTION 12 — ECOLOGICAL INFORMATION

**Toxicity:** Toxic to fish (ECHA)

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT assessment:** No data available

**vPvB assessment:** No data available

**Other adverse effects:** None known

## SECTION 13 — DISPOSAL CONSIDERATIONS

**Product:** Dispose of waste in accordance with applicable national, regional, or local regulations. Do Not allow product to reach ground water, water course, or sewage system

**Contaminated packaging:** Dispose of packaging in accordance with applicable national, regional, or local regulations

## SECTION 14 — TRANSPORT INFORMATION

This substance is considered to be Non-hazardous for transport

## SECTION 15 — REGULATORY INFORMATION

**SARA 302/304 (40CFR355.30/40CFR355.40):** This material does not contain any components with a section 302 EHS TPQ or a section 304 EHS RQ

**SARA 313:** Substance not listed

**SARA 311/312:** Chronic health hazard

**California Proposition 65:** Substance not listed

**Massachusetts right to know:** Substance not listed

## SECTION 16 — OTHER INFORMATION

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