

# SAFETY DATA SHEET (SDS)

## Cat Genetics

Issue date: 01-10-2024

### Section 1: Product Identifier and Chemical Identity

Product Identifier	
Product Name:	Dye Electrophoresis Lab: Cat Genetics
Product Codes:	KT-1402-01
Other means of identification:	
External product name and code/s:	
Manufacturer:	
Ampliyus LLC	1770 Massachusetts Avenue, Suite 167, Cambridge Massachusetts USA 02140 Website: www.minipcr.com
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
Document list:	
Product name	Number of pages
Agarose™ Tabs	4
Blue Dye in Load Ready™ Strips	3
Tris-Borate_EDTA Buffer	4

**Latest revision date:** December 2022

**Revision:** 1

**SDS prepared by:** Amplyus

## SECTION 1 — IDENTIFICATION

**Product name:** Agarose™ Tabs

**Catalog or product number:** RG-1500-03, -05

**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 (emergency number during USA East Coast business hours)

Fax: 888-317-0512

## SECTION 2 — HAZARDS IDENTIFICATION

**2.1 Classification according to EC Directives 67/548 / EEC (DSD) and 1999/45 / EC (DPD):**

Not a hazardous substance or mixture according to EC Directives 67/548 / EEC (DSD) and 1999/45 / EC (DPD)

**2.2 Classification according to Regulation (EC) No 1272/2008 (CLP):**

Signal word: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

H-Statements: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Precautionary statement(s)

- P280 Wear protective clothing (gloves, eye or face protection)
- P301+ P312 IF SWALLOWED: call poison center or doctor if you feel unwell
- P302+ P352 IF ON SKIN: Wash with plenty of water
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313 IF exposed or concerned: Get medical supplemental advice/ attention.

Hazard Statements None

**2.3 Other hazards:** None

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

**2.4 Additional hazards for humans and the environment:**

Possible hazardous physicochemical effects: Unknown

Possible adverse effects on humans and possible symptoms: No data available

Possible harmful effects: No data available

Restricted to professional users.

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization:** Powder solution with inorganic and organic components.

**Components**

Ingredients	%	CAS Number
Agarose	100%	912-36-6

## SECTION 4 — FIRST AID MEASURES

**General information:** If skin irritation or other symptoms persist, consult a physician. Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes, carefully clean before reuse.

**Eye contact:** Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin contact:** Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.

**Ingestion:** Never give anything to an unconscious person. Do not induce vomiting. Rinse the mouth, spit out the fluid and drink plenty of water. Get medical attention if symptoms occur.

## SECTION 5 — FIRE-FIGHTING MEASURES

**Conditions of flammability:** Not flammable

**Suitable extinguishing media:** Dry chemical, CO<sub>2</sub>, water spray, or alcohol resistant foam.

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

**Hazardous combustion products:** Carbon dioxide, carbon monoxide, thermal decomposition can lead to release of irritating gases and vapors.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Prevent skin/eye contact. Wear personal protective equipment.

**Environmental precautions:** None. For disposal see section 13.

**Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## SECTION 7 — HANDLING AND STORAGE

**Precautions for safe handling:** Wear personal protective equipment. Avoid contact with skin and eyes. Avoid ingestion and inhalation. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust might form. For precautions see section 2.

**Conditions for safe storage:** Recommended storage temperature 4-30°C protected from humidity. Always keep in containers of the same material as the original. Keep container tightly closed in a dry and well-ventilated place. Do not use food containers because of the risk of confusion. Containers which are opened must be carefully resealed.

**Incompatible products:** N/A

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

**Control parameters:** Contains no relevant quantities of substances with occupational exposure limit values that have to be monitored at the workplace according to TRGS 900.

**Engineering controls:** Handle in accordance with Good Laboratory Practice. Wash hands before breaks and at the end of workday.

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

**Personal protective equipment:**

- **Skin protection:** Appropriate protective clothing with long sleeves. Handle with suitable protective gloves. Gloves must be inspected prior to use. Damaged and worn protective gloves should be replaced immediately. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and Good Laboratory Practices. Wash and dry hands. Protective gloves must satisfy specifications of EU Directive 89/686/EEC and the standard EN 374. The following gloves are suitable: nitrile rubber, latex, polyvinyl chloride and natural rubber.
- **Eye protection:** safety glasses with side shields conforming to EN166 U
- **Respiratory protection:** In case of very poor, insufficient ventilation wear respirators and components tested and approved under appropriate government standards. Half masks according to EN 140 or full masks according to EN 136, with filters according to EN 143-P1.

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Form:** White powder in tablet form

**Color:** White when solid

**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:** Soluble in water

**Viscosity:** No data available

## SECTION 10 — STABILITY AND REACTIVITY

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

**Incompatible materials to avoid:** Strong acids or bases, strong oxidizers, extreme temperature or pressure conditions.

**Hazardous decomposition products:** Carbon oxides (see section 5).

## SECTION 11 — TOXICOLOGICAL INFORMATION

**Acute toxicity test:** No data available

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

**Aspiration hazard:** No data available

**Carcinogenicity, mutagenicity and toxicity to reproduction mutagenicity:** No data available

**General remarks:** When used and handled according to instructions, the product does not cause harmful effects according to our experience and current information.

## SECTION 12 — ECOLOGICAL INFORMATION

**Toxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT assessment / vPvB assessment:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Other adverse effects:** Does not pose a risk to aquatic life

**General remarks:** When used and handled according to instructions, the product does not cause harmful effects according to our experience and current information.

## 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. Packaging which is not completely emptied must be disposed of in the form as determined by the local waste disposal authority.

## SECTION 14 — TRANSPORT INFORMATION

This substance is considered to be Non-hazardous for transport.

## SECTION 15 — REGULATORY INFORMATION

### EU Regulations:

Chemical safety assessment according to Regulation (EC) No 1907/2006: Substance safety assessments (CSA) according to Article 14 (1) of Regulation (EC) No 1907/2006 (REACH) for the components of the product are neither banned nor restricted

## RG-1500-03, RG-1500-05 – Continued

Classification and labeling according to directives 67/548 / EEC (DSD) and 1999/45 / EC (DPD): Not a hazardous substance or mixture, see section 2

Classification and labeling according to Regulation (EC) No 1272/2008 (CLP):

Not a hazardous substance or mixture, see section 2

Pictograms: None

Signal word: Not hazardous to Regulation (EC) No. 1272/2008

H-Statements: Not hazardous substance or mixture according to Regulation (EC) No.1272/2008

Special labeling of certain preparations: Neither banned nor restricted

Approvals and / or restrictions of use: Neither banned nor restricted.

Information on Directive 1999/13 / EC (VOC Directive) on the limitation of VOC emissions: Neither banned nor restricted

**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:** Combustible dust

**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 product

**Latest revision date:** October 27, 2022

**Revision:** 1.0

**SDS prepared by:** Amplyus

## SECTION 1 — IDENTIFICATION

**Product name:** Blue Dye in Load Ready™ Strips

**Catalog or product number:** KT-1401-01

**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

**Emergency Telephone Number:** 1-781-990-8727 during US East Coast business hours

## 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 hazardous to health.

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

**Hazards not otherwise classified:** May cause eye irritation. May cause gastrointestinal discomfort if ingested. May cause irritation to respiratory tract. May cause irritation to skin.

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Water	99.98%	7732-18-5
Proprietary ingredient	0.02%	N/A

## SECTION 4 — FIRST AID MEASURES

**General information:** If seeking medical attention, provide SDS to physician.

**Eye contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin contact:** After contact with skin, wash immediately with plenty of soap and water.

**Inhalation:** In case of accidental inhalation, move to fresh air.

**Ingestion:** If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label.

## SECTION 5 — FIRE-FIGHTING MEASURES

**Conditions of flammability:** Not flammable

**Suitable extinguishing media:** Dry chemical, CO<sub>2</sub>, water spray, or alcohol resistant foam.

**Special protective equipment for firefighters:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

**Hazardous combustion products:** Carbon dioxide, carbon monoxide, hydrogen bromide, sodium oxides, sulfur oxides

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** 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:** Use only in well-ventilated areas. Avoid contact with skin and eyes. Avoid contact with clothing. Do not breathe gas/fumes/vapor/spray.

**Conditions for safe storage:** Suitable for general chemical storage at room temperature. Keep container tightly closed in a well-ventilated place.

**Incompatible products:** N/A

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering controls:** No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. Good general room ventilation should be sufficient to control airborne contaminants to safe levels.

**Personal protective measures:** Lab coat, apron, eye wash, safety shower

**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:** None

**Odor threshold:** N/A

**pH:** No data available

**Melting point/freezing point:** 0° C

**Boiling point:** 100° C

**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:** Water-reactive materials, strong acids, strong oxidizing agents

**Hazardous decomposition products:** Sulfur oxides, sodium oxides, hydrogen bromide, carbon dioxide, carbon monoxide

## SECTION 11 — TOXICOLOGICAL INFORMATION

**Acute toxicity LD/LC50 values:** 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:** No data available

**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:** No data available

## SECTION 13 — DISPOSAL CONSIDERATIONS

**Product:** Dispose of waste in accordance with applicable national, regional, or local regulations.

**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:** No SARA hazards

**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

**Latest revision date:** February 27, 2024

**Revision:** 1.1

**SDS prepared by:** Amplyus

### SECTION 1 — IDENTIFICATION

**Product name:** Tris-Borate-EDTA Buffer

**Catalog or product number:** Various

**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

**Emergency Telephone Number:** 1-781-990-8727 during US East Coast business hours

### SECTION 2 — HAZARDS IDENTIFICATION

**GHS classification:**

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.



**Hazard statement(s):**

H360: May damage fertility or the unborn child.

**Precautionary statement(s):**

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing dust.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water and soap.

P332+P313: If skin irritation occurs: Get medical attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER or doctor if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical attention.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

**Hazards not otherwise classified:** Not known.

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Tris tromethamine	63.6%	77-86-1
Boric acid	32.1%	10043-35-3
Ethylenediaminetetraacetic acid	4.3%	60-00-4

## SECTION 4 — FIRST AID MEASURES

**General information:** If seeking medical attention, provide SDS to physician.

**Eye contact:** CAUSES SERIOUS EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

**Skin contact:** CAUSES SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

**Inhalation:** MAY CAUSE RESPIRATORY IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

## SECTION 5 — FIRE-FIGHTING MEASURES

**Conditions of flammability:** Not flammable

**Suitable extinguishing media:** Use extinguishing agent suitable for type of surrounding fire.

**Special protective equipment for firefighters:** In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

**Hazardous combustion products:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Prevent skin/eye contact. Wear personal protective equipment as needed.

**Environmental precautions:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Methods and materials for containment and cleaning up:** Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

## SECTION 7 — HANDLING AND STORAGE

**Precautions for safe handling:** Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

**Conditions for safe storage:** Store in a cool, dry, well-ventilated area away from incompatible substances.

**Incompatible products:** N/A

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
	Borate compounds, inorganic	TWA: 2 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup> (A4)	None established	None established

**Engineering controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

**Respiratory protection:** None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA approved respirator.

**Personal protective measures:** Lab coat, apron, eye wash, safety shower

**Personal protective equipment:**

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

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Solid, white, crystalline powder

**Color:** White

**Odor:** None

**Odor threshold:** N/A

**pH:** No data available

**Melting point/freezing point:** N/A

**Boiling point:** N/A

**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:** Soluble in water

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

**Viscosity:** No data available

## SECTION 10 — STABILITY AND REACTIVITY

**Chemical stability:** Stable

**Hazardous polymerization:** Will not occur

**Conditions to avoid:** Excessive temperatures, heat, sparks, open flame and other sources of ignition.

**Incompatible materials to avoid:** Strong oxidizers, bases, acids, aldehydes, aluminum, acetic anhydride, potassium, iron, brass, copper and strong alkali.

**Hazardous decomposition products:** Carbon oxides, nitrogen oxides, ammonia and water vapor.

## SECTION 11 — TOXICOLOGICAL INFORMATION

**Acute toxicity LD/LC50 values:** Tris tromethamine: Oral-rat LD50: 5900 mg/kg / Boric acid: Oral-rat LD50: 2,500 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:**

TP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

**Potential health effects:**

Inhalation: May cause respiratory irritation.

Ingestion: May be harmful if swallowed.

Skin: Causes skin irritation.

Eyes: Causes serious eye irritation.

**Signs and symptoms of exposure:** Animal feeding studies in rat, mouse and dog, at high doses, have demonstrated effects on fertility and testes. Studies with the chemically related boric acid in the rat, mouse and rabbit, at high doses, demonstrate developmental effects on the fetus, including fetal weight loss and minor skeletal variations. The doses administered were many times in excess of those to which humans would normally be exposed. Human epidemiological studies show no increase in pulmonary disease in occupational populations with chronic exposures to boric acid dust and sodium borate dust. A recent epidemiological study under the conditions of normal occupational exposure to borate dusts indicated no effect on fertility. Exercise appropriate procedures to minimize potential hazards.

Additional information: RTECS #: Tris tromethamine: TY2900000 / Boric acid: ED4550000

## SECTION 12 — ECOLOGICAL INFORMATION

**Toxicity to fish:** *Carassius auratus* (goldfish) LC50: 0.63 g/L/3 day [Boric acid]

**Toxicity to daphnia and other aquatic invertebrates:** *Daphnia magna* (Water flea) LC50: 1085-1402 mg/L/48 hours [Boric acid]

**Toxicity to algae:** *Scenedesmus subspicatus* (algae) EC50: 158 mg/L/96 hours [Boric acid]

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**PBT and vPvB assessment:** No data available

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of waste in accordance with applicable national, regional, or local regulations. These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

## 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:** No SARA hazards

**California Proposition 65:** Substance not listed

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

**TSCA:** 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