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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, CO₂, 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