

SAFETY DATA SHEET (SDS)

Food Safety Lab

Issue date: 20-05-2026

Section 1: Product Identifier and Chemical Identity

Product Identifier	
Product Name:	Food Safety Lab: Food Truck Trouble!
Product Codes:	KT-1001-04
Other means of identification:	
External product name and code/s:	
Manufacturer:	
Amplyus 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
DNA samples	5
Food Safety Lab primer mix	5
Fast DNA ladder 2	5
EZ PCR master mix, 2x, load ready	5
Restriction enzyme XmnI	5
Nuclease free water	5

DNA samples (Non-pathogenic *E. coli* Control DNA, Pathogenic *E. coli* Control DNA, Lettuce Sample DNA, Tomato Sample DNA)

SECTION 1 — IDENTIFICATION

Product name: Food Safety Lab: Food Truck Trouble!

Catalog or product number: KT-1001-04

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 to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Not disclosed. DNA		

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. 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:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

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:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
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	Autoignition temperature:	No data available
Color:	Clear	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~7.0-8.0	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability:	Stable for at least 6 months under recommended storage conditions
Incompatible materials to avoid:	Strong oxidizers
Hazardous decomposition products:	N/A

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:	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: 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.

Food Safety Lab Primer Mix

SECTION 1 — IDENTIFICATION

Product name: Food Safety Lab: Food Truck Trouble!

Catalog or product number: KT-1001-04

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 to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
No components need to be disclosed according to the applicable regulations		

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. 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:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

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:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
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	Autoignition temperature:	No data available
Color:	Clear	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~7.0-8.0	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability:	Stable for at least 6 months under recommended storage conditions
Incompatible materials to avoid:	Strong oxidizers
Hazardous decomposition products:	N/A

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:	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:	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.

Fast DNA Ladder 2

SECTION 1 — IDENTIFICATION

Product name: Food Safety Lab: Food Truck Trouble!

Catalog or product number: KT-1001-04

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 to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Non-hazardous, proprietary		

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. 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:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

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:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
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	Autoignition temperature:	No data available
Color:	Blue	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~7.0-8.0	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability:	Stable for at least 6 months under recommended storage conditions
Incompatible materials to avoid:	Strong oxidizers
Hazardous decomposition products:	N/A

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:	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: 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.

2X EZ PCR Master Mix, Load Ready™

SECTION 1 — IDENTIFICATION

Product name: Food Safety Lab: Food Truck Trouble!

Catalog or product number: KT-1001-04

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 to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Non-hazardous, proprietary		

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. 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:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

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:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
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	Autoignition temperature:	392.78 °C
Color:	Green	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~7.0-7.5	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability:	Stable for at least 6 months under recommended storage conditions
Incompatible materials to avoid:	Strong oxidizers
Hazardous decomposition products:	N/A

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values:	ATEmix (oral) 126,000.00 mg/kg ATEmix (dermal) 100,000.00 mg/kg ATEmix (inhalation-gas) 99,999.00 ppm ATEmix (inhalation-dust/mist) 99,999.00 mg/l ATEmix (inhalation-vapor) 99,999.00 mg/l
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:	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:	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.

Restriction Enzyme XmnI

SECTION 1 — IDENTIFICATION

Product name: Food Safety Lab: Food Truck Trouble!

Catalog or product number: KT-1001-04

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 to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Enzyme mixture		

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. 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:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

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:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
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	Autoignition temperature:	392.8 °C
Color:	Clear	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~7.0-8.0	Vapor pressure:	No data available
Melting point/ freezing point:	No data available	Vapor density:	No data available
Boiling point:	No data available	Relative density (water = 1):	No data available
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability:	Stable for at least 6 months under recommended storage conditions
Incompatible materials to avoid:	Strong oxidizers
Hazardous decomposition products:	N/A

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values:	ATEmix (oral) 25,200.00 mg/kg ATEmix (dermal) 20,000.00 mg/kg ATEmix (inhalation-gas) 99,999.00 ppm ATEmix (inhalation-vapor) 99,999.00 mg/l ATEmix (inhalation-dust/mist) 99,999.00 mg/l
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:	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:	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.

Nuclease Free Water

SECTION 1 — IDENTIFICATION

Product name: Food Safety Lab: Food Truck Trouble!

Catalog or product number: KT-1001-04

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 to be hazardous to health.

Precautionary statement(s): N/A

Hazards not otherwise classified: N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	CAS Number
Nuclease-free water	100	7732-18-5

SECTION 4 — FIRST AID MEASURES

General information:	No special measures required.
Eye contact:	Flush opened eye immediately with plenty of water. 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:	Dry chemical, CO ₂ , water spray, or alcohol resistant foam.
Special protective equipment for firefighters:	Wear self-contained breathing apparatus for fire-fighting if necessary
Hazardous combustion products:	N/A

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:	No special measures required.
Conditions for safe storage:	No special measures required. Tightly cap the tube and store in freezer at -20 °C.
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	Autoignition temperature:	No data available
Color:	Clear	Lower explosion limit:	No data available
Odor:	No data available	Upper explosion limit:	No data available
pH:	~6.0-8.0	Vapor pressure:	No data available
Melting point/ freezing point:	0 °C	Vapor density:	No data available
Boiling point:	100 °C	Relative density (water = 1):	1
Flash point:	No data available	Partition coefficient (n-octanol/water):	No data available
Evaporation rate:	No data available	Viscosity:	No data available
Ignition temperature:	No data available		

SECTION 10 — STABILITY AND REACTIVITY

Chemical stability:	Stable for at least 6 months under recommended storage conditions
Incompatible materials to avoid:	Strong oxidizers
Hazardous decomposition products:	N/A

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:	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:	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.