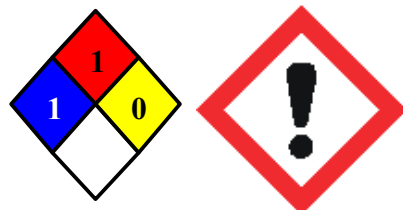


# Material Safety Data Sheet



Revision Date: 10/21/2011

MSDS #: 10189 50-77-00

TMB Membrane Peroxidase Substrate System (3-Component)

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Description

TMB Membrane Peroxidase Substrate System (3-Component)

### CATALOG NO.

50-77-00

### **Hazardous Reagents:**

TMB Substrate Solution	50-76-01
TMB Membrane Enhancer	50-77-01

### **Recommended Use** Reagent

**Contact Manufacturer** KPL, Inc.  
910 Clopper Road  
Gaithersburg, Maryland 20878  
USA

**Phone #:** 1-301-948-7755  
**Fax #:** 1-301-948-0169  
**Web:** [www.kpl.com](http://www.kpl.com)  
**Email:** [msds@kpl.com](mailto:msds@kpl.com)

### **Emergency Telephone Numbers:**

AUSTRALIA – POISONS INFORMATION CENTER	Telephone: 13 11 26	Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER	Telephone: (1 ) 613 996 6666	Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS	Telephone: (44) 029 2041 6388	Hours: 09:00-17:00 GMT
USA- NATIONAL RESPONSE CENTER	Telephone: (1 ) 800 424 8802	Hours: 24 hours/day, 7 days/week

# Safety Data Sheet



Revision Date: 6/30/2014

MSDS #: 10136

## TMB Peroxidase Substrate

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
TMB Peroxidase Substrate	50-76-25
TMB Peroxidase Substrate	50-76-09
TMB Peroxidase Substrate	50-76-08
TMB Peroxidase Substrate	50-76-02
TMB Peroxidase Substrate	50-76-01
TMB Peroxidase Substrate	37-00-78

**Hazardous Reagent**  
TMB Peroxidase Substrate System

**Hazardous Reagent Product code**  
Catalog No. listed above

**Recommended Use** Reagent

**Contact Manufacturer** KPL, Inc.  
910 Clopper Road  
Gaithersburg, Maryland 20878  
USA

**Phone #:** 1-301-948-7755  
**Fax #:** 1-301-948-0169  
**Web:** www.kpl.com  
**Email:** kplmsds@seracare.com

#### Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION CENTER	Telephone: 13 11 26	Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER	Telephone: (1 ) 613 996 6666	Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS	Telephone: (44) 029 2041 6388	Hours: 09:00-17:00 GMT
USA- NATIONAL RESPONSE CENTER	Telephone: (1 ) 800 424 8802	Hours: 24 hours/day, 7 days/week

**CHEMTREC:** CHEMTREC Customer Number:- CCN12505\*  
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 CCN12505 or  
+1 703-527-3887 (collect calls accepted)

### 2. HAZARD IDENTIFICATION

**Hazard Type**

Health Hazard

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

**Classification**

Repr. 1B: Reproductive toxicity  
Acute Tox. 4 : Acute Toxicity  
Acute Tox. 4 \*  
Eye Irrit. 2: Serious eye damage/eye irritation  
Dgr: Danger

**Hazard Statement**

H360D: May damage the unborn child.  
H332: Harmful if inhaled  
H312: Harmful in contact with skin  
H319: Causes serious eye irritation

**Precautionary Statement**

P201: Obtain special instructions before use.

**TMB Peroxidase Substrate**

P202: Do not handle until all safety precautions have been read and understood.  
 P281: Use personal protective equipment as required.  
 P264: Wash skin thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P280: Wear protective gloves/ protective clothing / eye protection/ face protection.

**Symbols of Danger**

GHS08  
 GHS07  
 Danger

**Data for 100% Hazardous Chemical**

**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation and through the skin.

**INHALATION RISK:** A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C.

**SHORT-TERM EXPOSURE:** The substance is irritating to the eyes . The substance may cause effects on the liver , resulting in jaundice . See Notes.

**LONG-TERM EXPOSURE:** The substance may have effects on the liver , resulting in impaired functions . Animal tests show that this substance possibly causes toxic effects upon human reproduction.

**The product is a Mixture. It May Cause the following symptoms.**

**EYES:** Redness. Pain.

**SKIN:** MAY BE ABSORBED!

**INHALATION:** Abdominal pain. Diarrhoea. Nausea. Vomiting. Facial flushing.

**INGESTION:** Do not eat, drink, or smoke during work.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CHEMICAL</u>	<u>% Weight</u>	<u>CAS #:</u>
TMB Peroxidase Substrate	N.N.-Dimethylformamide	26%	68-12-2

**Classification**

Repr. 1B: Reproductive toxicity  
 Acute Tox. 4 : Acute Toxicity  
 Acute Tox. 4 \*  
 Eye Irrit. 2: Serious eye damage/eye irritation  
 Dgr: Danger

### 4. FIRST AID MEASURES

**Data for 100% Hazardous Chemical**

**Ingestion First Aid:** Not Available

**Inhalation First Aid:** Fresh air, rest. Refer for medical attention.

**Skin First Aid:** Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.

**Eye First Aid:** First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

### 5. FIRE FIGHTING MEASURES

**Data For 100% Hazardous Chemical**

<b>Fire Acute Hazard:</b>	<b>Fire Prevention:</b>	<b>Fire Fighting:</b>
Flammable. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames, NO sparks, and NO smoking. NO contact with oxidants.	Powder, alcohol-resistant foam, water spray, carbon dioxide.
<b>Explosion Acute Hazard:</b>		
Above 58°C explosive vapour/air mixtures may be formed.	Above 58°C use a closed system, ventilation.	In case of fire: keep drums, etc., cool by spraying with water.
<b>CHEMICAL DANGERS:</b>	The substance decomposes on heating or on burning producing toxic fumes including nitrogen oxides . Reacts violently with oxidants, nitrates and halogenated hydrocarbons. Attacks some plastic and rubber.	
<b>PHYSICAL DANGERS:</b>	Not Available	

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing.
<b>Environmental Precautions</b>	Data for 100% Dimethylformamide:- Environmental effects from the substance have been investigated but none have been found.
<b>Method of Containment</b>	Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place.
<b>Methods of Clean-up</b>	Remove all ignition sources. Contain spill and then clean-up with copious amounts of water.
<b>Other Information</b>	Data for 100% Dimethylformamide:- Personal protection: complete protective clothing including self-contained breathing apparatus.

### Data for 100% Hazardous Chemical

<b>SPILLAGE DISPOSAL</b>	Personal protection: complete protective clothing including self-contained breathing apparatus. Ventilation. Remove all ignition sources. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert
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## 7. HANDLING AND STORAGE

<b>Handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Take care to maintain clean working place. The substance must not be present at workplaces in quantities above that required for work to be progressed. Do not leave container open. Use leak-proof equipment with exhaust for refilling or transfer. Do not transport with/using compressed air. Avoid splashing. Fill only into labelled container. Use solvent resistant utensils. Avoid any contact when handling the substance. Prevent seepage into flooring (use of a steel tub). Use an appropriate exterior vessel when transporting in fragile containers.
<b>Storage:</b>	Store at 2 - 8°C. Separated from strong oxidants, halogens .

### Data for 100% Hazardous Chemical

<b>STORAGE</b>	Separated from strong oxidants, halogens .
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## 8. EXPOSURE CONTROL

### Data for 100% Hazardous Chemical

• <b>INHALATION</b>	Ventilation, local exhaust, or breathing protection.
• <b>EYES</b>	Safety goggles or eye protection in combination with breathing protection.
• <b>SKIN</b>	Protective gloves. Protective clothing.
• <b>INGESTION</b>	Rinse mouth.

**Engineering Controls** Not Available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear to slightly bluish colored solution.**Physical State** Liquid**pH:** Not Available**Data for 100% Hazardous Chemical**

Boiling point: 153°C	Melting point: -61°C	Relative density (water = 1): 0.95	Solubility in water: miscible	Vapour pressure, Pa at 25°C: about 492	Relative density of the vapour/air-mixture at 20°C (air = 1): 1.00
Flash point: 58°C c.c.	Auto-ignition temperature: 445°C	Explosive limits, vol% in air: 2.2-15.2 at 100°C	Octanol/water partition coefficient as log Pow: -0.87		

**10. STABILITY AND REACTIVITY****Chemical Stability** Stable under normal conditions**Incompatibility Materials to Avoid** Oxidants, nitrates and halogenated hydrocarbons, Acid Chlorides, Chloroformates**Hazardous Decomposition Products** Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides Data for 100% Dimethylformamide:- The substance decomposes on heating or on burning producing toxic fumes including nitrogen oxides .**Hazardous Polymerization** Will not occur**Data for 100% Hazardous Chemical**

<b>CHEMICAL DANGERS:</b>	The substance decomposes on heating or on burning producing toxic fumes including nitrogen oxides . Reacts violently with oxidants, nitrates and halogenated hydrocarbons. Attacks some plastic and rubber.
<b>PHYSICAL DANGERS:</b>	Not Available

**11. TOXICOLOGY MEASURES****Acute Toxicity**

The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

**LD50 Oral** Data for 100% Dimethylformamide:- LD50 oral rat: 2800 mg/kg Reference: Zeitschrift für Krebsforschung. Vol. 69, Pg. 103, 1967.**LD50 Dermal** Data for 100% Dimethylformamide:- LD50 dermal rat/rabbit: 4720 mg/kg Species: Rabbit Reference: American Industrial Hygiene Association Journal. Vol. 30, Pg. 470, 1969.**LC50 Inhalation** Data for 100% Dimethylformamide:- LC50 Fish (96 hours)  
Minimum: 7100 mg/l  
Maximum: 11300 mg/l  
Median: 10500 mg/l  
Study number: 8

Reference: Cardwell, R.D., D.G. Foreman, T.R. Payne, and D.J. Wilbur 1978. Acute and Chronic Toxicity of Four Organic Chemicals to Fish. U.S.EPA, Environ.Res.Lab., Duluth, MN; Contract 68-01-0711 (Unpublished):26 p.

**Chronic Toxicity****Carcinogenicity** Not Applicable**Irritation** Skin and Eye Irritant**Corrosivity** Not Applicable**Sensitization** Not Applicable**Neurological Effects** Not Available**Mutagenic Effects** Not Available**Reproductive Effects** Data for 100% Dimethylformamide:- May damage the developing fetus.**Developmental Effects** Not Available

## Target Organ Effects

Data for 100% Dimethylformamide:- Eyes, Skin and Respiratory tract, Liver, Kidneys

## Other adverse effects

Not Available

## 12. ECOLOGICAL MEASURES

## Ecotoxicity

LC50 Crustaceans (48 hours)

Minimum: 12300 mg/l  
 Maximum: 14500 mg/l  
 Median: 14400 mg/l

Study number: 3

Reference for median:

Ziegenfuss, P.S., W.J. Renaudette, and W.J. Adams 1986. Methodology for Assessing the Acute Toxicity of Chemicals Sorbed to Sediments: Testing the Equilibrium Partitioning Theory. In: T.M.Poston and R.Purdy (Eds.), Aquatic Toxicology and Environmental Fate, 9th Volume, ASTM STP 921, Philadelphia, PA :479-493

## Persistence/Degradability

Not Available

## Mobility in Environmental Media

Not Available

## Bioaccumulation/Accumulation

Not Available

## 13. DISPOSAL MEASURES

## Waste Disposal Method:

Collection of small amounts of substance: Place in a collection container for halogen-free organic solvents and solutions of halogen-free organic substances. Collection vessels must be clearly labelled with a systematic description of their contents and with the hazard symbol and the R and S phrases. Store the vessels in a well-ventilated location. Entrust them to the appropriate authorities for disposal.

## Contaminated Packaging:

Avoid contact with skin and clothing. Place contaminated packaging in a break proof outer vessel and dispose on in compliance with national and local regulations.

## US EPA Waste Number:

Not Available

## 14. TRANSPORTATION MEASURES

## DOT:

Regulated: Hazard Class 3 | DOT ID No.: UN2265

## IATA:

Not Available

## ADR (road)/ RID (rail):

Not Available

## IMDG (sea):

Not Available

## General Transport Regulations

Data for 100% Dimethylformamide: UN-Number: 2265  
 Shipping name: N,N-Dimethylformamide  
 Hazard Identification Number: 30  
 Class: 3 (Flammable Liquids)  
 Packing Group: III (low danger)  
 Danger Label: 3

## 15. REGULATORY MEASURES

**This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 (OSHA HCS).**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemical(s) subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372: Dimethyl formamide

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)**

This product contains N,N-DIMETHYLFORMAMIDE which are subject to the reporting requirements of the Clean Air Act.

### State Regulations

#### California Proposition 65:

This product contains the following Proposition 65 chemicals: None Listed

#### State Right to Know Act

Chemical Name	N.N.- Dimethylformamide
Massachusetts	Listed
New Jersey	Listed
Pennsylvania	Listed
New York	Listed
Rhode Island	Listed

#### International Inventories

Chemical Name	N.N.- Dimethylformamide
TSCA	Listed
DSL	Listed
NDSL	Not Listed
EINECS	Listed
CHINA	Listed
KECL	Listed
JAPAN:	Listed
AICS	Listed

#### EU Regulations

<b>Annex I Index#</b>	616-001-00-X
<b>Classification</b>	Repr. 1B: Reproductive toxicity Acute Tox. 4 : Acute Toxicity Acute Tox. 4 * Eye Irrit. 2: Serious eye damage/eye irritation Dgr: Danger
<b>Risk Phrases</b>	H360D: May damage the unborn child. H332: Harmful if inhaled H312: Harmful in contact with skin H319: Causes serious eye irritation
<b>Safety Phrases</b>	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P281: Use personal protective equipment as required. P264: Wash skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/ protective clothing / eye protection/ face protection.
<b>Symbols and Indications of Danger</b>	GHS08 GHS07 Danger
<b>Specific Concentration Limits</b>	Not Available
<b>Export and Import</b>	This substance is not listed in the Annex I of Regulation (EC) No 689/2008.
<b>European Priority List</b>	This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

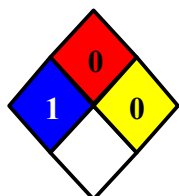
**16. OTHER INFORMATION**

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. KPL shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes. This material is sold for research purposes and is intended as laboratory reagents only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

Revision Date: 6/30/2014



# Material Safety Data Sheet



Revision Date: 10/21/2011

MSDS #: 10161

50-77-01

TMB Membrane Enhancer

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Description

TMB Membrane Enhancer

### CATALOG NO.

50-77-01

### Hazardous Reagent

TMB Membrane Enhancer

### Hazardous Reagent Product code

Catalog No. listed above

**Recommended Use** Reagent

**Contact Manufacturer** KPL, Inc.  
910 Clopper Road  
Gaithersburg, Maryland 20878  
USA

**Phone #:** 1-301-948-7755  
**Fax #:** 1-301-948-0169  
**Web:** www.kpl.com  
**Email:** msds@kpl.com

### Emergency Telephone Numbers:

AUSTRALIA – POISONS INFORMATION CENTER	Telephone: 13 11 26	Hours: 24 hours
CANADIAN TRANSPORT EMERGENCY CENTER	Telephone: (1 ) 613 996 6666	Hours: 24 hours/day, 7 days/week
UK – THE NATIONAL FOCUS	Telephone: (44) 029 2041 6388	Hours: 09:00-17:00 GMT
USA- NATIONAL RESPONSE CENTER	Telephone: (1 ) 800 424 8802	Hours: 24 hours/day, 7 days/week

## 2. HAZARD IDENTIFICATION

<b>Hazard Type</b>	Irritant
<b>Principle Route of Exposure</b>	The substance can be absorbed into the body by inhalation, through the skin and by ingestion.
<b>Acute Effects: Eye:</b>	May cause Irritation
<b>Acute Effects: Skin:</b>	Absorption through skin may occur. May cause irritation to the skin
<b>Acute Effects: Inhalation:</b>	May cause irritation to the respiratory tract.
<b>Acute Effects: Ingestion:</b>	May be harmful if swallowed.
<b>Chronic Effects:</b>	Not Applicable
<b>Additional Information</b>	The product contains no substances which at their given concentration, are considered to be hazardous to health

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CHEMICAL</u>	<u>% Weight</u>	<u>CAS #:</u>
TMB Membrane Enhancer	Proprietary Component (Trade Secret per 29 CFR 1910.1200 i 1)	1.3%	Proprietary

### 4. FIRST AID MEASURES

<b>General Advice</b>	Wash contaminated clothing before reuse.
<b>Oral Exposure</b>	Rinse mouth
<b>Inhalation Exposure</b>	Fresh air, rest.
<b>Skin Exposure</b>	Rinse with copious amounts of water
<b>Eye Exposure</b>	Rinse with copious amounts of water

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Foam, Alcohol Foam, CO2, Dry Chemical and Water/Fog
<b>Unusual Fire and Explosive Hazards</b>	Not Available
<b>Flash Point</b>	Not Applicable
<b>Autoignition Temperature</b>	Not Available
<b>Flammability Statement</b>	Not Flammable
<b>Specific hazards arising from the chemical</b>	Not Available
<b>Protective equipment and precautions for firefighters</b>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Avoid dust formation. Avoid breaking vapors, mist or gas.
<b>Environmental Precautions</b>	Not Available
<b>Method of Containment</b>	Containment of spills requires no special equipment or procedures.
<b>Methods of Clean-up</b>	Clean up of spills requires no special equipment or procedures. Clean with copious amounts of water.
<b>Other Information</b>	Not Applicable

### 7. HANDLING AND STORAGE

**Handling:** Wear appropriate PPE.

**Storage:** Store at 2 - 8°C.

## 8. EXPOSURE CONTROL

<b>Respiratory Protection</b>	None required if good ventilation is maintained. Otherwise wear MSHA/NIOSH approved respirator suitable for vapor or mist concentrations encountered.
<b>Eye Protection</b>	Safety goggles.
<b>Skin Protection</b>	Protective gloves. Protective clothing.
<b>Ingestion</b>	Do not eat or drink

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear Colorless Solution
<b>Physical State</b>	Liquid
<b>Odor</b>	Not Applicable
<b>Odor Threshold</b>	Not Applicable
<b>pH</b>	Not Applicable
<b>Boiling Point</b>	Not Applicable
<b>Evaporation Rate</b>	Not Applicable
<b>Vapor Density</b>	Not Applicable
<b>Vapor Pressure</b>	Not Applicable
<b>Relative Density</b>	Not Applicable
<b>Auto-Ignition Temperature</b>	Not Applicable
<b>Water Solubility</b>	Dilutable
<b>Flammability</b>	Not Applicable
<b>Flash Point</b>	Not Applicable
<b>Viscosity</b>	Not Applicable
<b>Oxidizing Properties</b>	Not Applicable
<b>Explosive Properties</b>	Not Applicable
<b>Additional Parameters</b>	Not Available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	Not Available
<b>Incompatibility Materials to Avoid</b>	Not Available
<b>Hazardous Decomposition Products</b>	Not Applicable
<b>Hazardous Polymerization</b>	Will not occur
<b>Possibility of hazardous reactions</b>	Not Applicable

## 11. TOXICOLOGY MEASURES

### Acute Toxicity

The toxicological risks are minor due to the low concentration of hazardous ingredients. The following toxicological information is for the hazardous ingredient in pure form.

<b>LD50 Oral</b>	Not Available
<b>LD50 Dermal</b>	Not Available
<b>LC50 Inhalation</b>	Not Available

### Chronic Toxicity

<b>Carcinogenicity</b>	Not Applicable
<b>Irritation</b>	Not Applicable
<b>Corrosivity</b>	Not Applicable
<b>Sensitization</b>	Not Applicable
<b>Neurological Effects</b>	Not Applicable
<b>Mutagenic Effects</b>	Not Applicable
<b>Reproductive Effects</b>	Not Applicable
<b>Developmental Effects</b>	Not Applicable
<b>Target Organ Effects</b>	Not Applicable
<b>Other adverse effects</b>	Not Applicable

## 12. ECOLOGICAL MEASURES

<b>Ecotoxicity</b>	Not Available
<b>Persistence/Degradability</b>	Not Available
<b>Mobility in Environmental Media</b>	Not Available
<b>Bioaccumulation/Accumulation</b>	Not Available

## 13. DISPOSAL MEASURES

<b>Waste Disposal Method:</b>	Normal disposal with copious amounts of water. Observe all Federal, State and Local environmental regulations.
<b>Contaminated Packaging:</b>	Not Available
<b>US EPA Waste Number:</b>	Not Available

## 14. TRANSPORTATION MEASURES

<b>DOT:</b>	Not Regulated
<b>IATA:</b>	Not Regulated

ADR (road)/ RID (rail): Not Regulated

IMDG (sea): Not Regulated

General Transport Regulations Not Available

## 15. REGULATORY MEASURES

**This product is a mixture that may contain one or more hazardous chemicals. The hazardous ingredients listed are only those as required by 29 CFR 1910.1200 g 2.C1.**

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (See 40 CFR 61)**

Not Listed

### **State Regulations**

#### **California Proposition 65:**

This product contains the following Proposition 65 chemicals: Not Listed

### **State Right to Know Act**

<b>Chemical Name</b>	<b>Proprietary Component (Trade Secret per 29 CFR 1910.1200 i 1)</b>
<b>Massachusetts</b>	Not Listed
<b>New Jersey</b>	Not Listed
<b>Pennsylvania</b>	Not Listed
<b>New York</b>	Not Listed
<b>Rhode Island</b>	Not Listed

### **International Inventories**

<b>Chemical Name</b>	<b>Proprietary Component (Trade Secret per 29 CFR 1910.1200 i 1)</b>
<b>TSCA</b>	Listed
<b>DSL</b>	Listed
<b>NDSL</b>	Not Listed
<b>EINECS</b>	Not Listed
<b>ELINCS</b>	Not Listed
<b>CHINA</b>	Listed
<b>KECL</b>	Listed
<b>JAPAN:</b>	Listed
<b>AICS</b>	Listed

### **EU Regulations**

<b>Annex I Index#</b>	Not Applicable
<b>Classification</b>	Not Applicable
<b>Risk Phrases</b>	Not Applicable
<b>Safety Phrases</b>	Not Applicable
<b>Symbols and Indications of Danger</b>	Not Applicable
<b>Specific Concentration Limits</b>	Not Applicable
<b>Export and Import</b>	This substance is not listed in the Annex I of Regulation (EC) No 689/2008.
<b>European Priority List</b>	This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

## 16. OTHER INFORMATION

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. KPL shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes. This material is sold for research purposes and is intended as laboratory reagents only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.