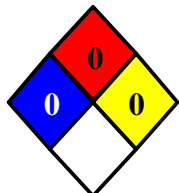


# Material Safety Data Sheet



Revision Date: 10/21/2010



MSDS #: 10122 53-00-00 53-00-01 53-00-02 53-00-03  
53-00-04 SPL-SBR

SureBlue Reserve™ TMB Microwell  
Peroxidase Substrate (1-Component)

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Description

SureBlue Reserve™ TMB Microwell Peroxidase Substrate (1-Component)

### CATALOG NO.

53-00-00 SPL-SBR  
53-00-01  
53-00-02  
53-00-03  
53-00-04

### Hazardous Reagent

SureBlue Reserve™ TMB Microwell Peroxidase Substrate (1-Component)

### 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:** techserv@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

**Hazard Type** Not Applicable  
**Principle Route of Exposure** Avoid contact with skin; avoid ingestion.  
**Acute Effects: Eye:** Not Applicable  
**Acute Effects: Skin:** Not Applicable  
**Acute Effects: Inhalation:** Not Applicable  
**Acute Effects: Ingestion:** Not Applicable  
**Chronic Effects:** Not Applicable

**Additional Information** 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>
SureBlue Reserve™ TMB Microwell Peroxidase Substrate (1-Component)	N.A	N.A	N.A

### 4. FIRST AID MEASURES

<b>General Advice</b>	Not Applicable
<b>Oral Exposure</b>	Rinse mouth
<b>Inhalation Exposure</b>	If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If discomfort persists, obtain medical attention.
<b>Skin Exposure</b>	with soap and water. Wash contaminated clothing before reuse.
<b>Eye Exposure</b>	Flush with copious amounts of water or eyewash saline for at least 15 minutes.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Use extinguishing media appropriate for surrounding fire.
<b>Unusual Fire and Explosive Hazards</b>	Not Applicable
<b>Flash Point</b>	Not Applicable
<b>Autoignition Temperature</b>	Not Applicable
<b>Flammability Statement</b>	Not Applicable
<b>Specific hazards arising from the chemical</b>	Not Applicable
<b>Protective equipment and precautions for firefighters</b>	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Not Applicable
<b>Environmental Precautions</b>	Not Applicable
<b>Method of Containment</b>	Containment of spills requires no special equipment or procedures. Cover with absorbent.
<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. Refer to section 7.

**Storage:** Store at 2 – 8°C. Keep lid closed tightly; protect from light.

## 8. EXPOSURE CONTROL

**Respiratory Protection** None required if good ventilation is maintained. Otherwise wear MSHA/NIOSH approved respirator suitable for vapor or mist concentrations encountered.

**Eye Protection** Safety spectacles.

**Skin Protection** Protective gloves. Protective clothing.

**Ingestion** Do not eat, drink, or smoke during work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear to light yellow cast liquid

**Physical State** Liquid

**Odor** Not Applicable

**Odor Threshold** Not Applicable

**pH** Not Applicable

**Boiling Point** Not Applicable

**Evaporation Rate** Not Applicable

**Vapor Density** Not Applicable

**Vapor Pressure** Not Applicable

**Relative Density** Not Applicable

**Auto-Ignition Temperature** Not Applicable

**Water Solubility** Dilutable

**Flammability** Not Applicable

**Flash Point** Not Applicable

**Viscosity** Not Applicable

**Oxidizing Properties** Not Applicable

**Explosive Properties** Not Applicable

**Additional Parameters** Not Available

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable

**Conditions to avoid** Protect from direct UV light; avoid elevated temperatures.

**Incompatibility Materials to Avoid** Strong oxidizing agents and metals.

**Hazardous Decomposition Products** Not Applicable

**Hazardous Polymerization** Will not occur

**Possibility of hazardous reactions** 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

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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)**

This product contains no chemicals or chemicals which are subject to the reporting requirements of the Clean Air Act Chemical List.

### **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>N.A</b>
<b>Massachusetts</b>	N/A
<b>New Jersey</b>	N/A
<b>Pennsylvania</b>	N/A
<b>New York</b>	N/A
<b>Rhode Island</b>	N/A

### **International Inventories**

<b>Chemical Name</b>	<b>N.A</b>
<b>TSCA</b>	N.A
<b>DSL</b>	N.A
<b>NDSL</b>	N.A
<b>EINECS</b>	N.A
<b>ELINCS</b>	N.A
<b>CHINA</b>	N.A
<b>KECL</b>	N.A
<b>JAPAN:</b>	N.A
<b>AICS</b>	N.A

### **EU Regulations**

<b>Annex I Index#</b>	Not Applicable
<b>Classification</b>	Not Applicable
<b>Risk Phrases</b>	Not Applicable

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**SureBlue Reserve™ TMB Microwell  
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53-00-04 SPL-SBR  
**Safety Phrases** Not Applicable

**Symbols and Indications  
of Danger** Not Applicable

**Specific Concentration  
Limits** Not Applicable

**Export and Import** This substance is not listed in the Annex I of Regulation (EC) No 689/2008.

**European Priority List** 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.