

# Safety Data Sheet



Revision Date: 6/30/2014

MSDS #: 10186

ABTS Peroxidase Stop Solution Kit

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description	Product Code
ABTS Peroxidase Stop Solution Kit	50-85-01

### Hazardous Reagents:

ABTS® Peroxidase Stop Solution 50-85-02

**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:** [kplmsds@seracare.com](mailto: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)

# Safety Data Sheet



Revision Date: 6/30/2014

ABTS® Peroxidase Stop Solution

SDS #: SDS-10184-03

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
ABTS® Peroxidase Stop Solution	50-85-02
ABTS® Peroxidase Stop Solution	50-85-00

**Hazardous Reagent**  
ABTS® Peroxidase Stop Solution, 5% SDS

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

**Recommended Use** Reagent

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

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## 2. HAZARD IDENTIFICATION

<b>Hazard Type</b>	GHS Classification in accordance with 29 CFR 1910 (OSHA HCS): The product contains no substances which at their given concentration, are considered to be hazardous to health or the environment.
<b>Principle Route of Exposure</b>	The substance can be absorbed into the body through the skin and by ingestion .
<b>Acute Effects: Eye:</b>	Redness
<b>Acute Effects: Skin:</b>	Skin Irritant
<b>Acute Effects: Inhalation:</b>	Data for 100% Sodium Dodecyl Sulfate: Sore throat, Cough.
<b>Acute Effects: Ingestion:</b>	Data for 100% Sodium Dodecyl Sulfate: Nausea, vomiting and diarrhoea.
<b>Chronic Effects:</b>	Data for 100% Sodium Dodecyl Sulfate: EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: Repeated or prolonged contact with skin may cause dermatitis.

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Additional Information

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>CHEMICAL</u>	<u>% Weight</u>	<u>CAS #:</u>
ABTS® Peroxidase Stop Solution	Dodecyl Sulfate, Sodium Salt	5%	151-21-3

**GHS Classification** Not Available

**4. FIRST AID MEASURES**

<b>General Advice</b>	Wash contaminated clothing before reuse. Consult a physician if irritation persists
<b>Oral Exposure</b>	Rinse mouth. Refer for medical attention.
<b>Inhalation Exposure</b>	Remove subject to fresh air. Seek medical attention if necessary.
<b>Skin Exposure</b>	Flush skin with copious amounts of water.
<b>Eye Exposure</b>	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

**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 Available
<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>	Data for 100% Dodecyl Sulfate, Sodium Salt: Particulate filter adapted to the airborne concentration of the substance.
<b>Environmental Precautions</b>	Not Available
<b>Method of Containment</b>	Collect leaking and spilled liquid in sealable containers as far as possible.
<b>Methods of Clean-up</b>	Clean-up with copious amounts of water.
<b>Other Information</b>	Not Available

**7. HANDLING AND STORAGE**

**Handling:** Handle in accordance with good industrial hygiene and safety practice.

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Storage: Store at room temperature.

## 8. EXPOSURE CONTROL

<b>Respiratory Protection</b>	Ventilation, local exhaust, or breathing protection
<b>Eye Protection</b>	Safety goggles. Safety spectacles
<b>Skin Protection</b>	Wear appropriate personal protective clothing to prevent skin contact and protective gloves.
<b>Ingestion</b>	Do not eat, drink, or smoke during work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, colorless solution at room temperature. White solid at refrigerated temperatures.
<b>Physical State</b>	Liquid at RT
<b>Odor</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Faint odor of fatty substances
<b>Odor Threshold</b>	Not Available
<b>pH</b>	Not Available
<b>Boiling Point</b>	100°C/212°F (water)
<b>Evaporation Rate</b>	Not Available
<b>Vapor Density</b>	Not Available
<b>Vapor Pressure</b>	Not Available
<b>Relative Density</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: 400-600 kg/m <sup>3</sup>
<b>Auto-Ignition Temperature</b>	Not Available
<b>Water Solubility</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: g/100 ml at 20°C: 15 (moderate)
<b>Flammability</b>	Not Available
<b>Flash Point</b>	Not Available
<b>Viscosity</b>	Not Available
<b>Oxidizing Properties</b>	Not Available
<b>Explosive Properties</b>	Not Available
<b>Additional Parameters</b>	Not Available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: The substance decomposes on burning producing toxic and corrosive gases including carbon monoxide (See ICSC 0023, 0074 and 1202). Reacts with strong oxidants and strong acids .
<b>Incompatibility Materials to Avoid</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: Strong oxidants and strong acids .
<b>Hazardous Decomposition Products</b>	Not Available
<b>Hazardous Polymerization</b>	Will not occur
<b>Possibility of hazardous reactions</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.

<b>LD50 Oral</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: LD50 Rat 977 mg/Kg bw (Acutely Toxic)
<b>LD50 Dermal</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: LD50 Rabbit 580 mg/Kg bw (Acutely toxic)

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LC50 Inhalation Not Available

**Chronic Toxicity**

Carcinogenicity Not Available

Irritation Data for 100% Dodecyl Sulfate, Sodium salt: Risk Phrases - R36/37/38 Irritating to eyes, respiratory system and skin; R 21/22 Harmful in contact with skin and if swallowed

Corrosivity Not Available

Sensitization Data for 100% Dodecyl Sulfate, Sodium salt: May produce Allergic sensitivity reactions

Neurological Effects Not Available

Mutagenic Effects Not Available

Reproductive Effects Not Available

Developmental Effects Not Available

Target Organ Effects Not Available

Other adverse effects Not Available

**12. ECOLOGICAL MEASURES**

Ecotoxicity Data for 100% Dodecyl Sulfate, Sodium Salt: Fish (Fundulus heteroclitus) Static 96hr LC50 1.2 mg/L (Slightly harmful in the aquatic environment or are otherwise designed for biocidal action)

Persistence/Degradability Data for 100% Dodecyl Sulfate, Sodium Salt: Rapidly degradable

Mobility in Environmental Media Not Available

Bioaccumulation/ Accumulation Data for 100% Dodecyl Sulfate, Sodium Salt: Fish (Proterorhinus marmoratus 240 day 15°C 4 mg/L BCF 7.15 (Not bioaccumulative)

**13. DISPOSAL MEASURES**

Waste Disposal Method: Data for 100% Dodecyl Sulfate, Sodium Salt: Personal protection: particulate filter adapted to the airborne concentration of the substance. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Do NOT let this chemical enter the environment.

Contaminated Packaging: Not Available

US EPA Waste Number: Not Available

**14. TRANSPORTATION MEASURES**

DOT: Not Available

IATA: Not Available

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

IMDG (sea): Not Available

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 (OSHA HCS).**

**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

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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: None

**State Right to Know Act**

<b>Chemical Name</b>	<b>Dodecyl Sulfate, Sodium Salt</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>Dodecyl Sulfate, Sodium Salt</b>
<b>TSCA</b>	Listed
<b>DSL</b>	Listed
<b>NDSL</b>	Not Listed
<b>EINECS</b>	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 Available
<b>Classification</b>	Not Available
<b>Risk Phrases</b>	Not Available
<b>Safety Phrases</b>	Not Available
<b>Symbols and Indications of Danger</b>	Not Available
<b>Specific Concentration Limits</b>	Not Available
<b>Export and Import</b>	Data for 100% Dodecyl Sulfate, Sodium Salt: This substance is not listed in the Annex I of Regulation (EC) No 689/2008.
<b>European Priority List</b>	Data for 100% Dodecyl Sulfate, Sodium Salt : 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.

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