

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

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)



Safety Data Sheet

ABTS Peroxidase Stop Solution

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Description:	Product Code
ABTS® Peroxidase Stop Solution	5150-0018 (50-85-02) 5150-0016 (50-85-00)

Hazardous Reagent

ABTS® Peroxidase Stop Solution, 5% SDS

Hazardous Reagent Product code

Catalog No. listed above

Recommended Use: Reference Reagent

Contact Manufacturer: SeraCare Life Sciences
910 Clopper Road
Gaithersburg, MD 20878

Phone #: (508) 244-6400
US Toll Free: (800) 676-1881

Fax #: (508) 634-3394

Web: www.seracare.com

Email: customerservice@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

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2. HAZARD IDENTIFICATION

Hazard Type

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.

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

GHS Classification	Not available
Hazard Statements:	N/A
Precautionary Statements:	N/A
Symbols and Indications of Danger:	N/A
Principle Route of Exposure:	The substance can be absorbed into the body through the skin and by ingestion
Acute Effects: Eye	Redness
Acute Effects: Skin:	Skin Irritant
Acute Effects: Inhalation:	Data for 100% Sodium Dodecyl Sulfate: Sore throat, Cough.
Acute Effects: Ingestion:	Data for 100% Sodium Dodecyl Sulfate: Nausea, vomiting and diarrhoea.
Short-Term Exposure	N/A
Long-Term Exposure	N/A
Chronic Effects:	Data for 100% Sodium Dodecyl Sulfate: EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: Repeated or prolonged contact with skin may cause dermatitis.

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

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

5. FIRE FIGHTING MEASURES

Extinguishing media:	Foam, Alcohol Foam, CO2, Dry Chemical and Water/Fog
Unusual Fire and Explosive Hazards:	Not Available
Flash Point:	Not Available
Auto ignition Temperature:	Not Available

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Flammability Statement: Not Flammable
Specific hazards arising from the chemical: Not Available
Protective equipment and precautions for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROL

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless solution at room temperature. White solid at refrigerated temperatures.
Physical State: Liquid at RT
Odor: Data for 100% Dodecyl Sulfate, Sodium Salt: Faint odor of fatty substances
Odor Threshold: Not Available
pH: Not Available
Boiling Point: 100°C/212°F (water)
Evaporation Rate: Not Available
Vapor Density: Not Available
Vapor Pressure: Not Available
Relative Density: Data for 100% Dodecyl Sulfate, Sodium Salt: 400-600 kg/m³
Auto-Ignition Temperature: Not Available

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Water Solubility:	Data for 100% Dodecyl Sulfate, Sodium Salt: g/100 ml at 20°C: 15 (moderate)
Flammability:	Not Available
Flash Point:	Not Available
Viscosity:	Not Available
Oxidizing Properties:	Not Available
Explosive Properties:	Not Available
Additional Parameters	See Datasheet/Product Insert for other Product Information.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions
Conditions to avoid:	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
Incompatibility Materials to Avoid:	Data for 100% Dodecyl Sulfate, Sodium Salt: Strong oxidants and strong acids
Hazardous Decomposition Products:	Not Available
Hazardous Polymerization:	Will not occur
Possibility of hazardous reactions:	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% Dodecyl Sulfate, Sodium Salt: LD50 Rat 977 mg/Kg bw (Acutely Toxic)
LD50 Dermal:	Data for 100% Dodecyl Sulfate, Sodium Salt: LD50 Rabbit 580 mg/Kg bw (Acutely toxic)
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

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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 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 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
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State Right to Know Act

Chemical Name:	Dodecyl Sulfate, Sodium Salt
Massachusetts:	Not Listed
New Jersey:	Not Listed
Pennsylvania:	Not Listed
New York:	Not Listed
Rhode Island:	Not Listed

International Inventories

Chemical Name:	Dodecyl Sulfate, Sodium Salt
TSCAL:	Listed
DSL:	Listed
NDSL:	Not Listed
EINECS:	Listed
CHINA:	Listed
KECL:	Listed
JAPAN:	Listed
AICS:	Listed

EU Regulations

Annex I Index#:	Not Available
Classification:	Not Available
REACH (EU) 1907/2006	This product does not contain any chemical listed in SVHC candidate list per Article 59 (10) of REACH regulation
Hazard Statements:	Not Available
Precautionary Statements:	Not Available
Symbols and Indications of Danger:	Not Available
Specific Concentration Limits:	Not Available
Export and Import	Data for 100% Dodecyl Sulfate, Sodium Salt: This substance is not listed in the Annex I of Regulation (EC) No 689/2008.
European Priority List	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 accurate, complete and current but does not purport to be all inclusive and shall be used as a guide. SeraCare Life Sciences makes no representation or warranties with respect to the product described herein, including but not limited to any implied warranties or merchantability or fitness for a particular use. SeraCare assumes no liability or responsibility and authorizes no other person to assume any additional liability or responsibility as a result of the use of this product or the information contained in the Safety Data Sheet.

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