

# Safety and Data Sheet

**Issuing Date:** January 1, 2001

**Last Revision:** February, 2015

**Revision Number:** 1

## 1. Product and Company Identification

**Product Identifier:** Tryptic Soy Agar W/TTC and Rose Bengal Agar W/Chloramphenicol  
**Product Name:** [Industrial Dipslide](#)  
**Relevant identified uses of the substance or mixture and uses advised against:** **Used for the detection of**  
**Side 1:** Nutrient Agar W/ TTC = Nutrient agar is a general purpose agar medium containing two peptones that supports the growth of a wide variety of microorganisms. A small quantity of 2,3,5-triphenyltetrazolium chloride (TTC) is added to facilitate bacterial colony visualization. Bacterial colonies appear as red dots.  
**Side 2:** Rose Bengal Agar W/ Chloramphenicol = A selective medium for the enumeration of yeast and moulds.  
**Manufactured by:** Qualicum Scientific Ltd/Solar Biologicals Inc.  
 15 Capella Ct. Unit 128  
 Ottawa, ON, K2E 7X1  
**Telephone Number:** 1 (800)-246-4652  
**Fax:** 1-(888)-246-7769  
**Email:** solar@solarbiologicals.com

## 2. Hazards Identification

<b>Product Overview:</b>		
<i>This is NOT classified to be hazardous under usual laboratory handling. No target organ information has been found.</i>		
<b>Appearance:</b> Nutrient agar - Light Beige Rose Bengal agar – Bright Pink	<b>Physical State:</b> Solid	<b>Odor:</b> None

**GHS Classification:**  
 Not a dangerous substance according to GHS classification criteria.  
 No known OSHA hazards.

**Environmental Hazard:** No relevant studies identified. See section 12 for additional Ecological Information

## 3. Composition/Information on Ingredients

<u>Component</u>	<u>CAS #</u>	<u>% (w/v)</u>
<b>Side 1: Nutrient Agar</b>		
Tryptone	N/A	1.5
Soya peptone	N/A	0.5
Sodium Chloride	7647-14-5	0.5
Agar	9002-18-0	1.5
Triphenyltetrazolium chloride (TTC)	298-96-4	0.01
<b>Side 2: Rose Bengal Agar</b>		
Mycological peptone	N/A	0.5
Glucose	50-99-7	1
Dipotassium phosphate	7758-11-4	0.1
Magnesium sulfate	7487-88-9	0.05
Rose Bengal	11121-48-5	0.005
Chloramphenicol	56-75-7	0.01
Agar	9002-18-0	1.55

**Formula:** Mixture consists of the following components: (Any hazardous chemicals present are in concentrations lower than the regulatory threshold limits specified by 29 CFR 1910.1200.)

#### 4. First Aid Measures

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.

**Skin Contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Inhalation:** Not a common route of exposure.

**Ingestion:** Wash out mouth with water if patient is conscious. Have patient drink 1–3 glasses of water to dilute stomach contents. Never give an unconscious person anything by mouth. Seek medical attention if ingested.

#### 5. Fire Fighting Measures

**Flammable Properties:** Not Flammable

**Flash Point:** Not available

**Auto-ignition Temperature:** Not available

**Explosion Limits:** Lower: Not available Upper: Not available

**Extinguishing Methods:** Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder.

**Hazardous Combustion Products:** None

**NFPA Rating:** Health: 0; Flammability: 0; Instability: 0; Physical Hazard 0



**HMIS Rating:**

Health	0
Fire	0
Reactivity	0
Physical Hazard	0

#### 6. Accidental Release Measures

**Personal Precautions** No specific measures are necessary

**Environmental precautions:** None

**Methods for Containment:** Not Applicable

**Methods for Cleaning Up:** No special measures are required if not yet inoculated; simply collect in suitable container for disposal. Flush area with water. If inoculated, transfer to a suitable container for disposal (see Section 13) and follow appropriate decontamination protocol of the area.

**Reference to other sections:** See **Section 7** for information on safe handling.  
See **Section 8** for information on personal protection equipment.  
See **Section 13** for disposal information.

#### 7. Handling and Storage

**Handling:** Avoid hand-mouth contact, contact with eyes, skin, and clothing. Product is intended for laboratory use only.

**Precautions for safe handling:** No special measures required.

**Storage:** Store dipslides at room temperature (20–25°C / 68–77°F), out of draughts, and away from direct light. Store away from acids, alkalis, and strong oxidizing agents.

**Explosion and fire information:** No special measures required.

**Additional storage information:** None.

#### 8. Exposure Controls/ Personal Protection

**Respiratory Protection** There are no hazardous components in this product and it therefore does not carry established occupational exposure limits.

<b>Hygiene Measures</b>	Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.
<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b><u>Personal Protective Equipment</u></b>	
Protective Measures:	The usual precautionary measures for handling chemicals should be followed. Protection of hands should be achieved using disposable latex/nitrile gloves. Safety glasses for eye protection and protective work clothing (lab coat) for body protection is recommended.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Nutrient agar - Light Beige Rose Bengal agar – Bright Pink	<b>Odor</b>	None?
<b>Physical State</b>	Solid	<b>pH:</b>	Nutrient agar – 7.3 ± 0.2 @ 25°C Rose Bengal agar – 7.2 ± 0.2 @25°C *The neutral pH will support fungal growth
<b>Flash point</b>	No Data Available	<b>Solubility</b>	No Data Available
<b>Specific Gravity</b>	No Data Available	<b>Density</b>	No Data Available

## 10. Stability and Reactivity

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatible Products</b>	Oxidizing agents, acids, bases.
<b>Conditions to Avoid</b>	Extreme temperatures and humidity.

## 11. Toxicological Information

<b><u>Acute Toxicity:</u></b>	No acute toxicity hazard is known for this product
<b><u>Chronic Toxicity:</u></b>	Currently no chronic toxicity effects are known for any of the ingredients listed.

## 12. Ecological Information

<b>Ecotoxicity</b>	No relevant studies identified.
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## 13. Disposal Considerations

<b>Waste Disposal Method</b>	Sterilize inoculated dipslides before disposal by autoclaving, incinerating, or soaking in a bleach solution overnight. Dispose in accordance with local and national regulations.
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## 14. Transport Information

<b><u>UN/NA Number:</u></b>	Not classified
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## 15. Regulatory Information U.S. Federal Regulations

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**International Regulations**

**Mexico - Grade**

No information available.

**Canada**

No information available.

**WHMIS Hazard Class**

Not determined

**16. Other Information**

**Issuing Date** 1-Jan-2001

**Revision Date** 7-Nov-16

**Disclaimer**

**The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

**End of Safety Data Sheet**