

Safety Data Sheet


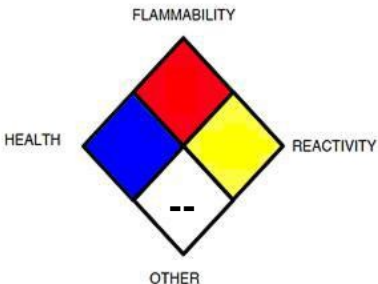
Section 1: Product & Company Identification

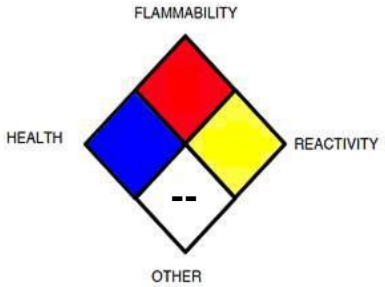
Product Name:	Trypan Blue Solution, 0.4%
Product #:	T-2470
Synonyms:	
Supplier:	AG Scientific Holdings, LLC 9950 Scripps Lake Drive, Suite 104 San Diego, CA 92131 Tele# + 858-452-9925
Emergency Tele#:	ChemTel, Tele# in USA 1-800-255-3924, International 1-813-248-0585

Section 2: Composition / Information on Ingredients

Component	CAS #	EC #	% Composition
2,7-Naphthalenedisulfonic acid, 3,3-[(3,3 dimethyl[1,1-biphenyl]-4,4-diy l)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt	72-57-1	200-786-7	

Section 3: Hazards Identification

Symbols	
HMIS Classification	<p>FLAMMABILITY</p>  <p>HEALTH REACTIVITY</p> <p>OTHER</p>

NFPA Classification	
----------------------------	---

Section 4: First Aid Measures

General Overview:	Treat symptomatically.
Inhalation:	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a doctor.
Skin:	Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Immediate medical attention is required.
Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion:	Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If swallowed, rinse mouth with water (only if the person is conscious). Risk of serious damage to the lungs (by aspiration). Get medical attention if symptoms occur.
	See section 11 for more detailed information on health effects & symptoms.

SECTION 5: Fire Fighting Measures

Flammability of the product:	No data available
Extinguishing Media:	Water spray, carbon dioxide, foam, dry chemical
Hazardous thermal (de)composition products:	No data available
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective suit.
Flash Point:	No data available

Section 6: Accidental Release Measures





Personal Precautions:	Ensure adequate ventilation. Avoid contact with skin, eyes, or clothing. Use personal protection equipment. See section 8 for more information.
------------------------------	---

Environmental Precautions:	Avoid discharge into drains and waterways whenever possible.
Methods for Clean-up:	Soak up with inert absorbent material.

SECTION 7: Handling & Storage

Storage:	Keep in a dry, cool, and well-ventilated place. Keep in properly labelled containers. Store in accordance with local regulations. Store at room temperature.
Handling:	Always wear the recommended Personal Protective Equipment. Wash hands before breaks and immediately after handling the product. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or mists. If during normal use the material presents a respiratory hazard, use adequate ventilation and/or wear appropriate respirator. See section 8 for more information.

SECTION 8: Exposure controls / Personal Protection

Respiratory Protection:	 <p>In case of insufficient ventilation, wear respirators and components tested and approved under appropriate government standards.</p>	
Skin and Body:		 <p>Wear suitable gloves. Wear a laboratory coat for body protection.</p>
Eyes:		

	Tight sealing safety goggles
Ventilation/Engineering Measures:	Avoid discharge into drains and waterways whenever possible.
Hygiene:	Handle in accordance with good industrial hygiene and safety practice.
Other:	N/A

SECTION 9: Physical and Chemical Properties

Appearance & Odor:	Liquid
Formula	N/A
Molecular Wt.	N/A
Melting Pt.	N/A
Boiling Pt.	N/A
Density:	N/A
Vapor Pressure:	N/A
Evaporation Rate:	N/A
Vapor Density:	N/A
Solubility:	N/A
Flash Point:	N/A
Autoignition Temp:	N/A

SECTION 10: Stability and Reactivity

Stability:	Stable under recommended storage conditions.
Hazardous decomposition products:	No data available
Materials to Avoid:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	No data available

SECTION 11: Toxicological Information

RTECS#:	N/A
ACUTE Toxicity:	2,7-Naphthalenedisulfonic acid, 3,3-[(3,3 dimethyl[1,1-biphenyl]-4,4-diy l)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt: <ul style="list-style-type: none"> LD50 Oral = 6200 mg/kg (Rat)
CHRONIC Toxicity:	Carcinogenicity: Contains a known or suspected carcinogen Reproductive Toxicity: May cause adverse reproductive effects - such as birth defect, miscarriages, or infertility

Chronic Exposure: Carcinogen: Mutagen: Teratogen: Reproductive:	<p>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.</p> <p>AGGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, potential human carcinogen by ACGIH.</p> <p>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated human carcinogen by NTP.</p> <p>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as known or potential human carcinogen by OSHA.</p> <p>EPA: No classification on carcinogenic data is available from EPA</p>
--	---

SECTION 12: Ecological Information

Ecotoxicity:	No data available
Mobility:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Other adverse effects:	No data available
Corrosivity Characteristic:	No data available
General Notes:	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 13: Disposal Considerations

Residue Waste or Unused product:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional, or national/federal regulations.
Contaminated Packaging:	This material and its container must be disposed of in accordance with approved disposal technique.

SECTION 14: Transportation Information

UN ID#:	N/A
ADR / RID (LAND):	Not regulated
DOT regulations:	Not regulated
IMDG/IMO (SEA):	Not regulated

IATA/DGR (AIR):	Not regulated
Special Provisions:	N/A

SECTION 15: Regulatory Information

Health Phrases:	Danger! H350 - May cause cancer H361 - Suspected of damaging fertility or the unborn child
Risk Phrases:	P201 - Obtain special instructions before use P280 - Wear protective gloves/protective clothing/eye protection/face protection P202 - Do not handle until all safety precautions have been read and understood
Safety Phrases:	P501 - Dispose of contents/ container to an approved waste disposal plant P308 + P313 - IF exposed or concerned: Get medical advice/attention
EU Regulations:	EINECS: Listed
US Regulations:	TSCA: Not listed California Proposition 65: Carcinogen
U.S. Federal Regulations:	SARA 302/304 emergency planning and notification: No products were found. SARA 311/312 MSDS distribution-chemical inventory-hazard identification: No products were found. SARA 313 toxic chemicals notification and release reporting: No products were found. Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found. Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air Act (CAA) 112 regulated flammable substances: No products were found. Clean Air Act (CAA) 112 regulated toxic substances: No products were found. OSHA: Carcinogenicity (Cat. 1); Reproductive toxicity (Cat. 2)
WHMIS (Canada):	DSL: Listed

SECTION 16: Other Information

LIABILITY STATEMENT: *The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. AG Scientific shall not be held liable for any damages resulting from handling or from contact with the above product. AG Scientific products are for research purposes only. Not for human use or consumption.*