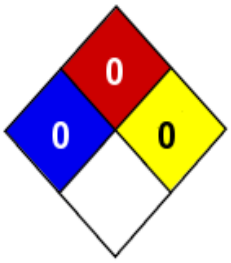
"Chemicals, Reagents & BioAffinity Matrix"



Health	0
Fire	0
Reactivity	0
Personal Protection	

Material Safety Data Sheet

TBS, 1% Tween 20 (10X)

1: Chemical Product and Company Identification

Product Name : TBS, 1% Tween 20 (10X)

Catalog Code : 42020392

CAS# : Not available.

RTECS# : Not available.

TSCA : Not available.

CI# : Not available.

Chemical Name : TBS, 1% Tween 20 (10X)

Chemical Formula : Not available.

Synonym :
Not available.

Contact Information :

bioWORLD
4150 Tuller RoadSuite 228Dublin,OH 43017,USA

Phone Number : 614-792-8680
Fax Number : 614-792-8685
Order Online : http://www.bio-world.com/
E-mail : save@bio-world.com

In Case of a chemical emergency:
Contact local hospital

For non-emergency assistance:
Call 1-800-860-9729

2: Composition and Information on Ingredients

Name	CAS#	% of weight
Tween 20	9005-64-5	%
10X TBS Solution		%

Toxicological Data :
Not available.

3: Hazards Identification

Potential Acute Health Effects : May be harmful if inhaled or swallowed. May cause respiratory tract irritation. Skin May be harmful if absorbed through skin. May cause skin irritation or eye irritation.

Potentials Chronic Health Effects :

Carcinogenic Effects : 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 or ACGIH.

Mutagenic Effects : Not available.

Teratogenic Effects : Not available.

Developmental Toxicity : Not available.

4: First Aid Measures

Eye Contact : In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin Contact : In case of contact, immediately wash skin with soap and copious amounts of water. Call a physician if irritation persists.

Serious Skin Contact : Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation : If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Serious Inhalation : If breathed in, move person into fresh air. If not breathing give artificial respiration. Get medical attention.

Ingestion : Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a physician.

Serious Ingestion : If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5: Fire and Explosion Data

Flammability of the Product : Not available.

Auto-Ignition Temperature : Not available.

Flash Points : Not available.

Flammable Limits : Not available.

Product of Combustion : Carbon oxides, nitrogen oxides (NOx), Hydrogen

Chloride gas, Sodium oxides.

Fire Hazards in Presence of Various Substances : Not available.

Explosion Hazards in Presence of Various Substances : Not available.

Fire Fighting Media and Instructions :

SMALL FIRE : Dry chemical powder.

LARGE FIRE : Water spray,Carbon dioxide, dry chemical powder, or appropriate foam.

Special Remarks on Fire Hazards : Not available.

Special Remarks on Explosion Hazards : Not available.

6 : Accidental Release Measures

Small Spill : Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Large Spill : Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7: Handling and Storage

Precautions : Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8: Exposure Controls/Personal Protection

Engineering Controls : Use mechanical exhaust or laboratory fumehood to avoid exposure.

Personal Protection : Respiratory : Government approved respirator.

Hand: Chemical resistant gloves.

Eye: Safety glasses.

Personal Protection in Case of a Large Spill : Splash goggles. Full suit. Boots. Dust respirator. Gloves.

Exposure Limits : Not available.

9: Physical and Chemical Properties

Physical State and Appearance : Liquid

Odor : Not available.

Taste : Not available.

Molecular Weight : Not available.

Color : Not available.

PH Value : 7.4

Boiling Point : Not available.

Melting Point : Not available.

Critical Temperature : Not available.

Specific Gravity : Not available.

Vapour Pressure : Not available.

Vapor Density : Not available.

Volatility : Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff : Not available.

Ionicity(in Water) : Not available.

Dispersion Properties : Not available.

Solubility : Soluble in water

10: Stability and Reactivity Data

Stability : Stable under recommended storage conditions.

Instability Temperature : Not available.

Conditions of Instability : Not available.

Incompatibility with various substances : Strong oxidizing agents.

Corrosivity : Not available.

Special Remarks on Reactivity : Not available.

Special Remarks on Corrosivity : Not available.

Polymerization : Not available.

11:Toxicological Information

Routes of Entry : Skin contact. Eye contact. Ingestion. Inhalation.

Toxicity to Animals : Not available.

Chronic Effects on Humans : Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Other Toxic Effects on Humans : Not available.

Special Remarks on Toxicity to Animals : Not available.

Special Remarks on Chronic Effects on Humans : Not available.

Special Remarks on other Toxic Effects on Humans : Not available.

12: Ecological Information

Ecotoxicity : Not available.

BOD5 and COD : Not available.

Product of Biodegradation : Not available.

Toxicity of the Products of Biodegradation : Not available.

Special Remarks on the Products of Biodegradation : Not available.

13: Disposal Considerations

Waste Disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14: Transport Information

DOT Classification :

Not a DOT controlled material.

IATA Classification :

Not an IATA controlled material.

IMDG Classification :

Not a IMDG controlled material.

Identification : Not available.

Special Provisions for Transport : Not available.

15: Other Regulatory Information

Federal and State Regulations : Not available.

Other Regulations : Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Other Classifications : California Proposition 65: This product is not listed.

WHMIS(Canada) : Not available.

DSCL(EEC) : Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

HMIS(U.S.A) :

Health Hazard : 0

Fire Hazard : 0

Reactivity : 0

Personal Protection : Not available.

National Fire Protection Association (U.S.A) :

Health : 0

Flammability : 0

Reactivity : 0

Specific hazard : Not available.

Protective Equipment : Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety goggles.

16: Other Information

References : Not available.

Other Special Considerations :

Created : Not available. **Last Updated :** 07-28-2014 2:00:00 PM

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