



Health
Fire
Reactivity
Personal Protection

Material Safety Data Sheet

Hoagland Medium, Nitrogen-Free

1: Chemical Product and Company Identification

<p>Product Name : Hoagland Medium, Nitrogen-Free</p> <p>Catalog Code : 30630038-1,30630038-2,30630038-3,30630</p> <p>CAS# : 038-4,30630038-5</p> <p>RTECS# : Not Available</p> <p>TSCA : TSCA 8(b) inventory:no products were found</p> <p>CI# : Not Available</p> <p>Chemical Name :</p> <p>Chemical Formula :</p> <p>Synonym : Not Available</p>	<p>Contact Information :</p> <p>bioWORLD 4150 Tuller Road Suite 228 Dublin, OH 43017, USA</p> <p>Phone Number : 614-792-8680</p> <p>Fax Number : 614-792-8685</p> <p>Order Online : http://www.bio-world.com/</p> <p>E-mail : save@bio-world.com</p> <p>In Case of a chemical emergency: Contact local hospital</p> <p>For non-emergency assistance: Call 1-800-860-9729</p>
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2: Composition and Information on Ingredients

Name	CAS#	% of weight
Hoagland Medium, Nitrogen-Free		

Toxicological Data :

3: Hazards Identification

Potential Acute Health Effects : May be harmful if inhaled. May cause respiratory tract irritation, May cause eye irritation, skin irritation and harmful if swallowed

Potentials Chronic Health Effects :

Carcinogenic Effects : Not Available

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 skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician

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 breathing becomes difficult, call a physician

Serious Inhalation : Not Available

Ingestion : If swallowed, wash out mouth with water provided person is

conscious. Call a physician

Serious Ingestion :

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 : Not Available

File Hazards in Presence of Various Substances : Not Available

Explosion Hazards in Presence of Various Substances : Not Available

Fire Fighting Media and Instructions :

SMALL FIRE : Not Available

LARGE FIRE : Not Available

Special Remarks on Fire Hazards : Not Available

Special Remarks on Explosion Hazards : Not Available

6 : Accidental Release Measures

Small Spill : Not Available

Large Spill : Not Available

7: Handling and Storage

Precautions : Emits toxic fumes under fire conditions. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Storage : Store at 2-8°C

8: Exposure Controls/Personal Protection

Engineering Controls : Safety shower and eye bath. Mechanical exhaust required.

Personal Protection : Special Protective Measures: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

Personal Protection in Case of a Large Spill :

Exposure Limits : Not Available

9: Physical and Chemical Properties

Physical State and Appearance : Solid

Odor : Not Available

Taste : Not Available

Molecular Weight : Not Available

Color : Not Available

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

Instability Temperature :

Conditions of Instability : Strong reducing agents, Strong acids, Finely powdered metals.

Incompatibility with various substances : Not Available

Corrosivity : Not Available

Special Remarks on Reactivity : Not Available

Special Remarks on Corrosivity : Not Available

Polymerization : Hazardous Polymerization Will not occur

11: Toxicological Information

Routes of Entry : Inhalation: Material is irritating to mucous membranes and upper respiratory tract.

Multiple Routes: Causes eye and skin irritation. May be harmful by inhalation, ingestion, or skin absorption.

Toxicity to Animals : Not Available Not Available

Chronic Effects on Humans : Not Available

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 : Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14: Transport Information

DOT Classification : Not a DOT controlled material.

Identification : Not Available

Special Provisions for Transport : Not Available

15: Other Regulatory Information

Federal and State Regulations : TSCA 8(b) inventory:Hoagland Medium, Nitrogen-Free

Other Regulations : Not Available

Other Classifications : Not Available

WHMIS(Canada) : Not Available

DSCL(EEC) : Not Available

HMIS(U.S.A) :

Health Hazard :

Reactivity :

Personal Protection :

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

Health :

Flammability :

Reactivity :

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 :

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