

I Identification

Product Name: **Hoagland's No. 2 Basal Salt Mixture**

Catalog Number: **HOP04**

Synonyms:

Company: **Caisson Laboratories**

Address: **836 South 100 East, Smithfield, UT 84335**

Telephone: **435.755.7615**

Fax: **435.755.7617**

Emergency Contact: **CHEMTREC 800.424.9300 (703.527.3887)**

Recommended Use:

Restrictions On Use:

II Hazard(s) Identification

Overview: **Irritant**

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health: **0**

Flammability: **0**

Reactivity: **0**

Special:

Pictograms:

III Composition / Information on Ingredients

General Information:

Component:

CAS#:

% by Weight: **n/a**

IV First-Aid Measures

General Information: **n/a**

Route of Exposure

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

Inhalation: **If inhaled, move to fresh air. If breathing becomes difficult, call a physician.**

Dermal: **In case of skin contact, flush with copious amounts of water.**

Eye: **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.**

V Fire-Fighting Measures

General Information:

Flammable Properties

General:

Flash Point: **n/a**

Ignition Temperature: **n/a**

Suitable Extinguishing Media: **Water spray, carbon dioxide, Dry chemical powder or appropriate foam.**

Special Protective Equipment for fire fighters: **Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

Additional Information: **Oxidizer.**

May explode when heated. Unusual fire and explosions hazards contact with other material may cause fire. May emit toxic fumes under fire conditions. Container explosion may occur under fire conditions.

VI Accidental Release Measures

General Information: **Sweep up and remove, wash area with water.**

VII Handling and Storage

Handling:

Storage: **2 to 8° C, Hygroscopic**

VIII Exposure Controls / Personal Protection

General Information:

Engineering Measures:

Personal Protective Equipment

General:

Eye Protection: **Safety glasses or goggles recommended.**

Hand Protection: **Chemical-resistant gloves recommended.**

Respiratory Protection: **Ventilate area**

Skin and Body Protection:

Hygiene Measures: **Use good laboratory practice.**

IX Physical and Chemical Properties

General Information:

Appearance: **Off white to yellow powder**

pH:

Specific Gravity:

Melting Point: **n/a**

Boiling Point:

Flash Point: **n/a**

Flammability Range:

Vapor Pressure:

X Stability and Reactivity

General Information:

Storage Stability

Temperature: **2 to 8 degrees C**

Light Sensitive: **True**

Incompatibles:

Hazardous Decomposition Products: **n/a**

XI	Toxicological Information
<p>General Information:</p> <p>Acute Toxicity: Complete toxicological properties have yet to be determined.</p> <p>Chronic Toxicity: Complete toxicological properties have yet to be determined.</p> <p>Local Effects:</p> <p>Target Organs: Blood, Central nervous system</p> <p>Carcinogenicity: n/a</p> <p>OSHA Permissible Exposure Limits: No exposure limits established by OSHA or ACGIH</p>	
XII	Ecological Information
<p>General Information: n/a</p>	
XIII	Disposal Considerations
<p>General Information:</p> <p>Disposal of Product: Observe all federal, state and local environmental regulations.</p> <p>Disposal of Packaging: Rinse and dispose according to federal, state and local environmental regulations.</p>	
XIV	Transport Information
<p>Proper Shipping Name: CHEMICALS, N.O.S (NON-REGULATED)</p> <p>UN#:</p> <p>Class: n/a</p> <p>Packaging Group: n/a</p> <p>Hazard Label: Irritant</p>	
XV	Regulatory Information
<p>General Information:</p> <p>TSCA:</p> <p>SARA 313:</p>	
XVI	Other Information
<p>General Information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Caisson Laboratories, Inc. Shall not be held liable for any damage resulting from handling or from contact with the above product.</p>	

Last Revision Date: 14 Oct, 2013