



## SAFETY DATA SHEET Barley Straw Extract (Liquid)

### 1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: <b>Barley Straw Extract (Liquid)</b>		Date: 1-1-2020
Company: Summit Chemical Company		Recommended Use: Water Clarifier
Address: 235 S Kresson St, Baltimore, MD 21224		Emergency Telephone: 800-424-9300
Phone: 410-522-0661	Fax: 410-522-0833	(CHEMTREC) International: 1-703-527-3887

### 2. HAZARDS IDENTIFICATION

**GHS Classification:** Skin & Eye Irritant

**Signal Word**                      Caution

**Hazard Statements**      Classified as Non Hazardous. Can cause eye and skin irritation over a long period of exposure



**Precautionary Statements** – Avoid contact with eyes. Flush immediately if needed. Use gloves to avoid contact with skin and open wounds. If exposed, wash with soap and water. Do not use internally. Keep out of reach of children.

**Description of hazard not otherwise classified:** NA  
**Mixture containing an ingredient with unknown toxicity:** NA

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Name :** Summit Barley Straw Extract (Liquid)

**Common Name & Synonyms :** NA

**Chemical Abstracts Service (CAS) number and unique identifiers:**

PRODUCT	CAS#	%
Active component	Proprietary	< 15%
Water	7732-18-5	> 85%

**Impurities & Stabilizing Additives :** NA

**Chemical Name and Concentration of all ingredients (classified as health hazard) :**

Ingredients not precisely identified are non-hazardous & proprietary.

All chemical ingredients appear on the EPA TSCA Inventory.

Values are not product specifications.

#### 4. FIRST AID MEASURES

<b>Note:</b>	The product has been classified as a non-hazardous substance.
<b>General advice:</b>	Immediately remove any clothing soiled by the product.
<b>Eye Contact:</b>	Remove contacts lenses if worn, if possible. Rinse opened eye(s) for several minutes with running water. Then consult a doctor.
<b>Skin Contact:</b>	Immediately rinse with water. If irritation continues, consult a doctor.
<b>Inhalation:</b>	Supply fresh air; consult a doctor in case of complaints.
<b>Ingestion:</b>	Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help. Never give anything by mouth to an unconscious person.

#### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable Extinguishing Media:** None.

**Specific Hazards Arising from the Substance or Mixture:**  
None

**Protective equipment and precautions for firefighters:**  
NA

**Further Information:** Product is not considered to be a fire hazard.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid contact with skin and eyes. Wear protective equipment. Ensure adequate ventilation.

**Environmental precautions:** NA

**Clean up methods:** Flush spills into sanitary or storm sewers. Use chemical absorbent and sweep up small spills. Contain and collect large spills

**Reference to other Section:** Refer to Sec. 7, 8 and 13.

#### 7. HANDLING AND STORAGE

**Handling:** Minimize exposure in accordance with good hygiene practice. Keep out of reach of children

**Storage:** Keep container tightly closed. Store in cool, dry conditions.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

**Components with limit values that require monitoring at the workplace:** None known

**Additional information:** The lists that were valid during the creation were used as the basis.

### Exposure Controls:

#### **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuff, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use only in well ventilated areas.

#### **Engineering Controls:**

##### **Eye/Face Protection:**

None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.

##### **Skin and Body Protection:**

None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.

##### **Respiratory Protection:**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

##### **Hygiene Measures:**

Handle in accordance with good industrial hygiene and safety practices. Take off contaminated clothing and wash before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Dark Brown
<b>Odor:</b>	Musty
<b>Odor threshold:</b>	Not determined
<b>pH:</b>	6.5
<b>Melting/Freezing Point:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not determined
<b>Flammability:</b>	Not applicable
<b>Upper/Lower Flammability Limits:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Specific Gravity:</b>	1.07
<b>Water solubility:</b>	Complete
<b>Solubility in other solvents:</b>	No data available
<b>Partition coefficient:</b>	
<b>n-octanal/water</b>	Not determined
<b>Autoignition Temperature:</b>	Not applicable
<b>Viscosity:</b>	Not determined

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No data available.
<b>Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	NA.
<b>Conditions to avoid:</b>	None known.
<b>Incompatibilities:</b>	No further relevant information available
<b>Hazardous decomposition products:</b>	None known.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	
<b>LD/LC 50 values that are relevant for classification:</b>	
<b>Primary irritant effect</b>	
<b>On skin:</b>	May cause skin irritation. Rinse skin after using product.
<b>On eyes:</b>	Avoid eye contact. Rinse with copious amounts of water.
<b>Sensitization:</b>	No sensitizing effects known
<b>Sub-acute to chronic toxicity:</b>	No further relevant information available
<b>Additional toxicological information:</b>	None known
<b>Carcinogenic categories</b>	
<b>NTP (National Toxicology Program):</b>	None of the ingredients is listed
<b>OSHA-Ca (Occupational Safety and Health Administration):</b>	No further relevant information available
<b>Probable routes of exposure:</b>	Skin, eyes, inhalation, and ingestion
<b>Acute effects (acute toxicity, irritation and corrosivity):</b>	
<b>Repeated Dose Toxicity:</b>	No further relevant information available

**12. ECOLOGICAL INFORMATION**

<b>Aquatic toxicity:</b>	NA
<b>Persistence and degradability:</b>	NA
<b>Bio-accumulative potential:</b>	NA
<b>Mobility in soil:</b>	NA
<b>Other adverse effects:</b>	This product is believed not to be an environmental threat with respect to mobility, persistence and degradability, bio accumulative potential, aquatic toxicity and other data relating to eco toxicity.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional or Local regulations for additional requirements.

**Contaminated Packaging:** Dispose of contents/containers in accordance with local regulations.

### 14. TRANSPORTATION INFORMATION

**DOT:** Not regulated  
**Proper shipping name** Not regulated  
**Hazard Class** Not regulated

**IATA** Not regulated  
**IMDG** Not regulated  
**ADR** Not regulated  
**ADN** Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

TSCA All components are listed.  
 DSL All components are listed either on the DSL or NDSL

TSCA – United States Toxic Substances Control Act – Section 8(b) Inventory  
 DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

#### US 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

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or State level pertaining to releases of this material.

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**US State Right-to-Know Regulations**

This product does not contain any substance above threshold limits that are regulated by State right-to-know.

**16. OTHER INFORMATION**

Hazardous Material Information System (HMIS)	<b>HEALTH</b>	<b>1</b>
	<b>FLAMMABILITY</b>	<b>0</b>
	<b>PHYSICAL HAZARD</b>	<b>0</b>
	<b>PERSONAL PROTECTION</b>	<b>B</b>

HMIS ratings (scale 0-4)

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer/supplier makes no representations as to the completeness or accuracy thereof.

The health hazards given on the Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer/supplier be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers.

Revision Date:1/1/20

End SDS.