



SAFETY DATA SHEET Barley Straw Extract

1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: Barley Straw Extract		Date: 6-2-2015
Company: Water Landscape Supply		Recommended Use: Water Clarifier
Address: 2507 E 21st St, Des Moines, IA 50317 USA		Emergency Telephone: 800-424-9300
Phone: 231-834-7720	Fax: 231-834-5537	(CHEMTREC) International: 1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification: Non-hazardous

GHS Label elements:

Causes skin irritation
Causes serious eye irritation

Signal Word Warning

Hazard Statements Causes skin irritation
Causes serious eye irritation



Precautionary Statements – Prevention

Wash hands thoroughly after handling.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water.

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterizations:

Description: Mixture

Dangerous components: Contains no hazardous components

Additional information: For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

4. FIRST AID MEASURES

General advice:	Immediately remove any clothing soiled by the product.
Eye Contact:	Remove contacts lenses if worn, if possible. Rinse opened eye(s) for several minutes with running water. Then consult a doctor.
Skin Contact:	Immediately rinse with water. If irritation continues, consult a doctor.
Inhalation:	Supply fresh air; consult a doctor in case of complaints.
Ingestion:	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:

Formation of toxic gases is possible during heating or in case of fire.

Protective equipment and precautions for firefighters:

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes. Wear protective equipment. Ensure adequate ventilation.
Environmental precautions:	Do not allow product to enter sewers.
Clean up methods:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders sawdust). Send for recovery or disposal in suitable receptacles. Dispose contaminated material as waste according to Sec. 13.
Reference to other Section:	Refer to Sec. 7, 8 and 13.

7. HANDLING AND STORAGE

Handling:	Use in a well ventilated areas. Open and handle receptacles with care. Avoid splashes or sprays in enclosed areas. Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes. Use personal protective equipment as required.
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

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

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Not determined.
Conditions to avoid:	None known.
Incompatibilities:	No further relevant information available
Hazardous decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC 50 values that are relevant for classification:

Primary irritant effect

On skin:	May cause skin irritation. Rinse skin after using product.
On eyes:	Avoid eye contact. Rinse with copious amounts of water.

Sensitization: No sensitizing effects known

Sub-acute to chronic toxicity: No further relevant information available

Additional toxicological information: None known

Carcinogenic categories

NTP (National Toxicology Program): None of the ingredients is listed

OSHA-Ca (Occupational Safety and Health Administration): No further relevant information available

Probable routes of exposure: Skin, eyes, inhalation, and ingestion

Acute effects (acute toxicity, irritation and corrosivity):

Repeated Dose Toxicity: No further relevant information available

12. ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available

Persistence and degradability: No further relevant information available

Behavior in environmental system:

Bio-accumulative potential: No further relevant information available

Mobility in soil: No further relevant information available

Additional ecological information:

General notes: Do not allow undiluted product or large quantities of product to reach water course or sewage systems.

Other adverse effects: No further relevant information available.

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

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	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)	HEALTH	1
	FLAMMABILITY	0
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	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: 6/2/15

End SDS.