



MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Product Name Barley Straw Extract
Product ID 98903, 98904, 98905, 98906

Revised 6/09

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Barley Straw Extract
SYNONYMS: n/a
PRODUCT CODES: 98903, 98904, 98905, 98906
MANUFACTURER: Aquascope, Inc.
DIVISION: n/a
ADDRESS: 901 Aqualand Way, St. Charles, IL 60174
EMERGENCY PHONE: 866-877-6637 **CANADA:** 866-766-3426
OTHER CALLS: 630-659-2000 **FAX:** 630-659-2100
CHEMICAL NAME: Stabilized Barley Extract **CHEMICAL FAMILY:** Herbal Extract
CHEMICAL FORMULA: n/a
PREPARED BY: Aquascope, Inc.

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS None known.
COMPONENTS All ingredients not precisely identified are proprietary.

OTHER INGREDIENTS:	Water	Proprietary blend
CAS NO.	7732-18-5	n/a
% WT	@	@
OVER 3%	yes	yes

OSHA PEL: none
ACGIH TLV: n/a
SARA 313 REPORTABLE no

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Caramel Colored Liquid

Odor: Sweet/earthy

POTENTIAL HEALTH EFFECTS

EYES: Slight Irritation may

SKIN: none

INGESTION: Excessive ingestion may cause nausea or gastrointestinal discomfort

INHALATION: n/a

ACUTE AND CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY

OSHA: n/a

IARC: n/a

ACGIH: n/a

OTHER: n/a

NTP: n/a

SECTION 4

FIRST AID MEASURES

EYES: Flush eyes thoroughly with running water for 15 minutes while keeping the eyelids wide open.

SKIN: Wash the affected area thoroughly with soap and water.

Clean Clothing

Consult physician if redness or irritation persists.

INGESTION: Thoroughly rinse mouth with water

Drink plenty of fluids

Slight gastrointestinal discomfort may occur

INHALATION: n/a

SECTION 5

FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA any

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS none

SPECIAL EXPOSURE HAZARDS IN A FIRE none

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS none
OTHER INFORMATION none

SECTION 6

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow protective measures provided in sections 5 and 8

Keep away materials and products which are incompatible with product specified in section 10

ENVIRONMENTAL PRECAUTIONS METHODS FOR CLEAN UP

Rinse spilled product to dilute areas of direct contact.

Wear suitable clothing and protective equipment

Recover or mop up excess material and reuse wherever possible.

Absorb unusable product with suitable material and dispose of in accordance with Section 13.

SECTION 7

HANDLING AND STORAGE

HANDLING

Maintain good housekeeping practices

Wash hands after use

Avoid contact with potable water or food

STORAGE

Keep in a dry place

Keep away from direct sunlight

Keep away from heat

Keep away from incompatible products specified in section 10

Keep only in the original container at temperature not exceeding 40C (104F)

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

n/a

VENTILATION:

n/a

RESPIRATORY PROTECTION:

none required

EYE PROTECTION:

ANSI approved safety glasses with side protection or goggles.

SKIN PROTECTION:

Wear suitable protective clothing

HYGIENIC PRACTICES:

Handle in accordance with good hygiene and safety practice.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE: Caramel Colored Liquid
ODOR: Sweet/earthy

IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

pH: Range 6.5 - 7.5
BOILING POINT 100C
FLASH POINT not applicable
MELTING POINT not applicable
FLAMMABILITY (SOLID, GAS) non flammable
EXPLOSIVE PROPERTIES non-explosive
VAPOR PRESSURE: not applicable
VAPOR DENSITY: not applicable
BULK DENSITY n/a
EVAPORATION not determined
SOLUBILITY IN WATER: dispersible
DECOMPOSITION TEMPERATURE not applicable
VISCOSITY: Equivalent to water
SPECIFIC GRAVITY 1.01

SECTION 10

STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.
CONDITIONS TO AVOID: none
INCOMPATIBILITY (MATERIAL TO AVOID): none
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none known
HAZARDOUS POLYMERIZATION: n/a
CONDITIONS TO AVOID: Excessive heat and contamination of any kind

SECTION 11

TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA:
ACUTE ORAL TOXICITY none known
ACUTE INHALATION TOXICITY none known

ACUTE DERMAL IRRITATION/CORROSION none known
SKIN IRRITATION none
EYE IRRITATION slight
SENSITIZATION none
CHRONIC TOXICITY n/a
CHRONIC TOXICITY/ CARCINOGENIC DESIGNATION: none known

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS:

ACUTE TOXICITY: none known
MOBILITY: not applicable
PERSISTENCE AND DEGRADABILITY: none known
BIOACCUMULATIVE POTENTIAL: is not known to accumulate

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE TREATMENT: Dispose of within current local and state regulations.
No special method required.
PACKAGING TREATMENT: Consult federal, state, and local regulations regarding the proper disposal of emptied containers.
RCRA HAZARD CLASS: n/a

SECTION 14 TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI) Not Hazardous
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL STATEMENT: none

WATER TRANSPORTATION

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI) Not Hazardous
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL STATEMENT: none

AIR TRANSPORTATION

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed Not Hazardous

HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL none

SECTION 15

REGULATORY INFORMATION

Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

SECTION 16

OTHER INFORMATION

KEEP OUT OF REACH OF CHILDREN

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