



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

**Product Name** • Corry's Moss-B-Ware

**Synonyms** • EPA Reg. No. 10699-1

#### Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** • To kill or prevent moss growth.

**Restrictions on use** • Avoid contact with eyes. Do not take internally. Keep out of reach of children and pets.

#### Details of the supplier of the safety data sheet

**Manufacturer** • Retta Manufacturing  
P.O. Box 1820  
North Bend, WA 98045  
United States

#### Emergency telephone number

**Manufacturer** • 1-800-424-9300 - CHEMTREC

**Manufacturer** • 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

**Manufacturer** • 1-800-265-0761

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

**OSHA HCS 2012** • Acute Toxicity Oral 4  
Serious Eye Damage 1

#### Label elements

**OSHA HCS 2012**

**DANGER**



- Hazard statements** • Causes serious eye damage  
Harmful if swallowed

### Precautionary statements

- Prevention** • Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/face protection.
- Response** • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.  
Rinse mouth.  
Immediately call a POISON CENTER or doctor/physician.

- Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### Other hazards

#### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

Composition		
Chemical Name	Identifiers	%
Zinc Sulfate Monohydrate	CAS:7446-19-7 EC Number:231-793-3	> 99%

### Mixtures

## Section 4: First-Aid Measures

### Description of first aid measures

- Inhalation**
- IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CONTROL center or doctor.
- Skin**
- IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- Eye**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
- Ingestion**
- IF SWALLOWED: Immediately call a poison control center or doctor.

### Most important symptoms and effects, both acute and delayed

- Causes serious eye damage. Harmful if swallowed.

### Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- Probable mucosal damage may contraindicate the use of gastric lavage. If medical advice is needed, have product container or label at hand.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • In case of fire use media as appropriate for surrounding fire.

**Unsuitable Extinguishing Media** • None known.

**Firefighting Procedures** • Keep unauthorized personnel away.  
Avoid breathing fumes..

### Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

**Hazardous Combustion Products** • Hazardous decomposition may occur under fire conditions, generating fumes, producing sulphur oxides and zinc oxides.

### Advice for firefighters

- Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** • Ventilate enclosed areas. Wear a self-contained breathing apparatus and appropriate Personal Protective Equipment (PPE)

**Emergency Procedures** • Stay upwind. Evacuate area. Keep unauthorized personnel away. Stop leak if you can do it without risk.

### Environmental precautions

- Avoid generating dust. Do NOT wash away into sewer. Prevent entry into waterways, sewers, basements or confined areas.

### Methods and material for containment and cleaning up

**Containment/Clean-up Measures** • Use appropriate Personal Protective Equipment (PPE)  
Carefully shovel or sweep up spilled material and place in suitable container.  
Do not use water to flush spill area.  
Prevent runoff from entering drains, sewers, and streams.  
This material and its container must be disposed of in a safe way.

## Section 7 - Handling and Storage

### Precautions for safe handling

**Handling** • Avoid contact with skin and eyes. Use only in well ventilated areas. Do not breathe (dust, vapor or spray mist) Use good safety and industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

**Storage** • Keep container/package tightly closed and in a well-ventilated place. Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and pets. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies.

### Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

## Exposure controls

### Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

### Personal Protective Equipment

#### Pictograms



#### Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

#### Eye/Face

- Wear eye/face protection - safety glasses, - face shield.

#### Hands

- Wear protective gloves - Gloves nitrile rubber.

#### Skin/Body

- Wear full body suit. Protective equipment must be selected according to the concentration and amount of product.

### Environmental Exposure Controls

- Avoid release to the environment. Refer to Section 13 - Disposal Considerations.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	powder
Color	White	Odor	No data available
Taste	No data available	Particulate Type	Dust
Odor Threshold	No data available	Physical and Chemical Properties	White powder .
General Properties			
Boiling Point	500 C(932 F)	Melting Point/Freezing Point	100 C(212 F)
Decomposition Temperature	No data available	Heat of Decomposition	No data available
pH	3 to 5	Specific Gravity/Relative Density	No data available
Density	3 g/mL @ 25 C(77 F)	Bulk Density	No data available
Water Solubility	Soluble 1.01 g/mL @ 20 C(68 F)	Solvent Solubility	No data available
Viscosity	No data available	Explosive Properties	No data available
Oxidizing Properties:	No data available		
Environmental			
Half-Life	No data available	Octanol/Water Partition coefficient	No data available
Coefficient of water/oil distribution	No data available	Bioaccumulation Factor	No data available
Bioconcentration Factor	No data available	Biochemical Oxygen Demand BOD/BOD5	No data available
Chemical Oxygen Demand	No data available	Persistence	No data available
Degradation	No data available		

## Section 10: Stability and Reactivity

### Reactivity

- Substance does not burn.

### Chemical stability

- Stable under normal temperatures and pressures.

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

## Conditions to avoid

- Incompatible materials.

## Incompatible materials

- Strong oxidizing agents.

## Hazardous decomposition products

- Hazardous decomposition may occur under fire conditions, generating fumes, producing sulphur oxides and zinc oxides.

## Section 11 - Toxicological Information

### Information on toxicological effects

	CAS	
Corry's Moss-B-Ware	NDA	<b>Acute Toxicity:</b> Ingestion/Oral-Mouse LD50 • 57 mg/kg; Ingestion/Oral-Rat LD50 • 2949 mg/kg

GHS Properties	Classification
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Serious Eye Damage 1
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Oral 4
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met

**Route(s) of entry/exposure** • Inhalation, ingestion, skin and eye contact.

### Potential Health Effects

#### Inhalation

##### Acute (Immediate)

- May be harmful. May cause respiratory irritation.

##### Chronic (Delayed)

- Repeated or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough. Exposure to high levels of dust can cause metallic taste, thirst, coughing, fatigue, weakness, muscular pain, and nausea followed by fever and chills.

#### Skin

##### Acute (Immediate)

- May be harmful. Causes skin irritation.

##### Chronic (Delayed)

- Repeated or prolonged exposure to corrosive materials will cause dermatitis. (oxide pox)

#### Eye

##### Acute (Immediate)

- Causes serious eye damage.

##### Chronic (Delayed)

- No data available

#### Ingestion

- Acute (Immediate)**
  - May be harmful if swallowed.
- Chronic (Delayed)**
  - No data available
- Carcinogenic Effects**
  - The active ingredient(s) is not listed as a carcinogen by OSHA, IARC, or NTP.

## Section 12 - Ecological Information

### Toxicity

	CAS	
Corry's Moss-B-Ware	NDA	<b>Aquatic Toxicity-Fish:</b> 95 Hour(s) LC50 <i>Salmon gardneri</i> (rainbow trout) 4.6 ppm [fresh water]

### Persistence and degradability

- No data available

### Bioaccumulative potential

- No data available

### Mobility in Soil

- No data available

### Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

### Other adverse effects

- This pesticide is toxic to fish.

## Section 13 - Disposal Considerations

### Waste treatment methods

- Product waste**
  - Do not empty into drains; dispose of this material and its container in a safe way.
- Packaging waste**
  - Nonrefillable container. Send to a licensed recycler, reclaimer or incinerator.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	3077	Packaging > 1,000 lbs.: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (zinc sulphate monohydrate)	9	III	Marine Pollutant
IMO/IMDG	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc sulphate monohydrate)	9	III	Marine Pollutant
IATA/ICAO	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc sulphate monohydrate)	9	III	NDA

- Special precautions for user**
  - No data available

- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
  - No data available

### Other information

- DOT** • Not regulated in containers under 1000 lbs.

IMO/IMDG • No data available

IATA/ICAO • No data available

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • SARA Title III Section 313

### FIFRA – Pesticide Labeling

#### DANGER

#### Precautionary Statements •

**Hazards to Humans and Domestic Animals** • HAZARD TO HUMANS AND DOMESTIC ANIMALS: Corrosive. Causes irreversible eye damage. Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust or spray mist. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Do not allow persons or pets in treated areas until dusts have settled or sprays have dried.

**First Aid** • IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice. IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. HOTLINE NUMBER: Have product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center (NPIC) at 1-800-858-7378. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

**Environmental Hazards** • This product is toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater. Apply this product as specified on label.

PESTICIDE STORAGE: Store in a dry, locked location, in original container and not accessible to children or pets. Avoid contamination or feed and food stuffs. PESTICIDE DISPOSAL: if partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. CONTAINER DISPOSAL: if empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

## Section 16 - Other Information

- Revision Date** • 15/September/2015
- Last Revision Date** • 31/July/2013
- Preparation Date** • 05/July/2013
- Disclaimer/Statement of Liability** • The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

