



SAFETY DATA SHEET

Trade name: Moss Aside

Product No: 64421

Print date: 5/9/2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Moss Aside

Product Number: 0427

Reg. No. 31344 P.C.P. ACT

Manufacturer Name and Address: Gardens Alive 230 Mary St., Greendale IN 47025

Emergency Phone Numbers: (513) 354-1483

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: Warning

Precautionary statements

Hazards to Humans and Domestic Animals

WARNING: KEEP OUT OF REACH OF CHILDREN.

Causes eye and/or skin irritation. DO NOT get in eyes or on skin and clothing. Use only in well ventilated areas. Wear long sleeved shirt and long pants, chemical resistant gloves, shoes, and goggles or face shield during mixing, loading, clean up and repair. Wear long sleeved shirt and long pants during application. Remove contaminated clothing and wash before reuse. Freshly treated areas may be slippery. If spilled, use absorbent materials and dispose of soiled materials in an approved manner as described in the Disposal section of this label. Do not store at temperatures below 0°C.

Environmental Hazard:

This product is toxic to aquatic organisms. Do not allow waste water, effluent or runoff containing this product to enter lakes, streams, ponds or other waters. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at www.croplife.ca

Classification system:

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NFPA ratings (scale 0-4)

Health = 1

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0-4)

Health = 1

Fire = 0

Reactivity = 0



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SECTION 3. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical characterization: Mixture

Hazardous Components

Components	% (w/w)	Hazard Information
Potassium salts of fatty acids	22%	Eye irritant

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and was before reuse. If skin irritation 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. If eye irritation persists: Get medical advice/attention.

Ingestion: Do not induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

Most important symptoms and effects, both acute and delayed

No further relevant information available

Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media: Regular foam, carbon dioxide, dry chemical, water.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear appropriate protective equipment. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions: Avoid run off to waterways and sewers

Methods and material for containment and cleaning up

Containment/Clean-Up Measures: Stop leak if can do it without risk. Absorb or cover with dry earth, sand or other absorbent materials and transfer to containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Handling: No special precautions are necessary if used correctly.

Conditions for safe storage, including any incompatibilities

Storage: Store in ambient temperature, well-ventilated place away from excessive heat. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible Materials: None known

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Components with limited values that require monitoring at the workplace: Not required.

Exposure controls

Personal Protective Equipment



Pictograms:

Respiratory: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 26 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face: Wear safety goggles



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Hands: Wear protective gloves

Skin/Body: Where extensive dermal exposure may be expected, either a chemical suit or a chemical apron will be needed.

General Industrial Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, or drinking. Safety shower and eye wash should be available close to work areas.

Environmental Exposure Controls: Follow best practice for site management and disposal of waste. Avoid release to the environment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to yellow liquid

Odor: Odour of soap

pH: 10.00 ± 0.25

Boiling Point: Not determined

Melting Point: Not determined

Flash Point: Non combustible

Flammability: Product is not flammable

Decomposition Temperature: Not determined

Heat of Decomposition: Not determined

Danger of Explosion: Product does not present an explosion hazard

Upper explosion limits: Not determined

Lower explosion limits: Not determined

Vapor Pressure: Not applicable

Vapor Density: Not applicable

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Evaporation Rate: Not applicable

Density @ 20°C (68°F): 1.04 ± 0.03 g/mL

Water Solubility: Soluble

Partition coefficient (n-octanol/water): Not determined

Viscosity: 4 ± 1 cPs (Brookfield LVF)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions: No dangerous reactions known.

Conditions to avoid: Exposure to excessive heat.



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Incompatible Materials: None known

Hazardous Decomposition Products: CO₂, CO, NO_x

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: LD₅₀ (oral) (rat) >5000 mg/kg; LD₅₀ (dermal) >5000 mg/kg

Routes of Entry

Skin: May cause severe skin irritation

Eyes: May cause moderate to severe irritation (reversible).

Ingestion: May cause irritation.

Inhalation: Can be expected to cause irritation if fine droplets are inhaled.

Carcinogenic Categories

IARC (International Agency for Research on Cancer): Substance is not listed

NTP (National Toxicology Program): Substance is not listed

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Mobility in Soil: No further relevant information available.

Other Adverse Effects: No studies have been found

SECTION 13: DISPOSAL CONSIDERATION

Waste Treatment Methods

Product Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations+

Packaging Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated by US DOT Highway regulations.



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U.S. Surface Freight Classification: NMFC item 155050, LTL Class: 70 Herbicide or NMFC item 50320 Sub 2, LTL Class 60

UN Number: Non-Hazardous. Not regulated.

IMDG Class (sea): Non-Hazardous. Not regulated.

IATA Class (air): Non-Hazardous. Not regulated.

Marine Pollutant: No.

Packing Group: Not regulated.

Hazard Label(s): Non-Hazardous. Not regulated.

ADR Class (road): Not regulated.

Proper Shipping Name(s): Not regulated.

Reportable Quantity: None

SECTION 15: REGULATORY INFORMATION

Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA: N/A

Section 355 (Extremely Hazardous Substance): Substance is not listed.

Section 313 (Specific Toxic Chemical Listings): Substance is not listed.

TSCA (Toxic Substance Control Act): Substance is not listed.

Proposition 65

Chemicals Known to Cause Cancer: Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Females: Substance is not listed.

Chemicals Known to Cause Reproductive Toxicity for Males: Substance is not listed.

Chemicals Known to Cause Developmental Toxicity: Substance is not listed.

National Regulations: Substance is not listed.

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State Right to Know: Substance is not listed.

SECTION 16: OTHER INFORMATION

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the manufacturer's knowledge and belief, accurate and reliable as of the date of the preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the manufacturer shall not be liable for any loss or damage arising out of the use thereof. In addition, the manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

NOTICE: How this product is used is very important and beyond the control of the seller. The buyer assumes all risks for any use beyond those described on the label or for any use under abnormal conditions.