

MATERIAL SAFETY DATA SHEET

Date-Issued: 09/27/2000
MSDS Ref. No: 96318
Date-Revised: 09/27/2000
Revision No: New MSDS

Scotts® Aqua-Gro® G 2000

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:

Scotts® Aqua-Gro® G 2000

PRODUCT DESCRIPTION: Granular non-ionic surfactant, media wetting agent

MANUFACTURER

The Scotts Company
Hyponex - Miracle Gro - Scotts Sierra
14111 Scottslawn Road
Marysville, OH 43041
Customer Service: 1-800-225-2883

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
International: 1-703-527-3887
Emergency Phone: 1-937-644-0011

COMMENTS:

Applicable Product Code/Stock Number: 96318 and 96364.

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Non-ionic surfactant blend	- -*	None	None
Vermiculite (carrier)	01318-00-9	None	None

COMMENTS:

*Consists of ethoxylated alkyl phenols, fatty acid esters, and water.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE:

Fine, grey-brown free flowing aggregate, slight earthy odor

POTENTIAL HEALTH EFFECTS

EYES:

May cause eye irritation.

SKIN:

May cause skin irritation.

INGESTION:

Surfactant blend may cause gastrointestinal irritation, nausea, diarrhea, or vomiting.

INHALATION:

May cause symptoms typical of a nuisance dust, such as coughing, sneezing, and minor respiratory tract irritation.

ROUTES OF ENTRY:

Routes of exposure for solids include eye, skin, ingestion, and inhalation.

COMMENTS:

KEEP OUT OF REACH OF CHILDREN.

4. FIRST AID MEASURES

EYES:

DO NOT RUB EYES. Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.

SKIN:

Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention as needed.

INGESTION:

If person is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave person unattended. Induce vomiting only upon advice of a physician.

INHALATION:

Move individual to fresh air and check to assure adequate respiration. Seek medical attention if necessary.

NOTES TO PHYSICIAN:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote is available.

ADDITIONAL INFORMATION:

Skin contact may aggravate existing skin conditions/diseases.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD:

>(93°F) to (200°F) Cleveland Open Cup

FLAMMABLE CLASS:

WILL BURN

EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, and/or foam are recommended.

EXPLOSION HAZARDS:

Product will burn under fire conditions.

FIRE FIGHTING PROCEDURES:

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus (SCBA) and full protective clothing.

AUTOIGNITION TEMPERATURE:

Not Applicable

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

WATER SPILL:

Do not flush to drain. Spills may be reportable to the Scotts Customer Services (800-225-2883).

GENERAL PROCEDURES:

Sweep or otherwise collect into recovery drums and dispose of properly. Dampen with water spray to avoid creating dust. (A comprehensive spill response plan should be developed and implemented).

7. HANDLING AND STORAGE

HANDLING:

Avoid direct or prolonged contact with eyes and skin. Avoid breathing dusts and particulates. Avoid excessive handling of empty packaging which may result in unnecessary release of airborne particulates. Use non-sparking tools and grounded/bonded equipment and containers when transferring.

STORAGE:

Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from ignition sources, and away from incompatible materials. **KEEP OUT OF REACH OF CHILDREN.**

STORAGE TEMPERATURE:

Not Established

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

When engineering controls are mandated by use conditions or a potential for exposure exists, minimize exposure to employees with general area dilution or exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE:

Wear appropriate protective safety goggles/glasses as described in 29 CFR 1910.133. A full-face shield and eyewash station are recommended.

SKIN:

Skin contact should be minimized through use of appropriate clothing and suitable long-sleeved clothing(i.e., shirts and pants) and impervious work gloves.

RESPIRATORY:

When work conditions are such that dust of particulates may be generated or present, use a suitable NIOSH/MSHA approved respirator (Type TC-21C-XXX). Under normal conditions with adequate ventilation, no protection is necessary.

WORK HYGIENIC PRACTICES:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material.

1. Do not store, use, and/or consume food, beverages, tobacco products, or cosmetics in area where this material is stored.
2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
3. Wash exposed skin promptly to remove accidental splashes of contact with this material.

OTHER USE PRECAUTIONS:

No exposure limits were found for this product or any of its ingredients.

COMMENTS:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

Granular

ODOR:

Slight earthy

APPEARANCE:

Fine, grey-brown free flowing aggregate

COLOR:

Grey-brown

pH:

5.0 to 7.0(5% solution)

PERCENT VOLATILE:

Not Established

VAPOR PRESSURE:

Not Established

VAPOR DENSITY:

>1 (Air=1)

VISCOSITY:

Not Established

COMMENTS:

PHYSICAL STATE:

Physical and Chemical properties here represent typical properties of this product.

WATER SOLUBILITY:

Surfactant blend is miscible, carrier is insoluble

10. STABILITY AND REACTIVITY

STABLE:

YES

HAZARDOUS POLYMERIZATION:

CONDITIONS TO AVOID:

Keep away from heat, sparks and open flames.

STABILITY:

This material is stable under normal handling and storage conditions.

POLYMERIZATION:

Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal - Oxides of carbon.

INCOMPATIBLE MATERIALS:

Avoid contact with strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES:

Eye irritant (rabbit).

DERMAL LD₅₀:

LD50 > 2000 mg/kg. Not a primary skin irritant.

ORAL LD₅₀:

LD50 (rat) = 5000 mg/kg.

INHALATION LC₅₀:

No data available.

CARCINOGENICITY:

IARC:

No

NTP:

No

OSHA:

No

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

No data available

GENERAL COMMENTS:

Dispose of wastes in a manner consistent with federal, state, and local regulations.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)**PROPER SHIPPING NAME:**

This product is not DOT regulated

15. REGULATORY INFORMATION

UNITED STATES**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:****FIRE:**

NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

TITLE III NOTES:

Glycol ethers (per the current EPA definition) at a level estimated to be 1.2%.

CANADA**WHMIS (WORKER HAZARDOUS MATERIALS INFORMATION SYSTEM):**

This product is considered to be a D2B irritant.

PROPOSITION 65 STATEMENT:

This product may contain trace amounts of the following materials that are regulated under California Proposition 65: Ethylene Oxide, and 1,4 dioxane.

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

NFPA CODES

HEALTH:

2 FIRE: 1 REACTIVITY: 0

HMIS CODES

HEALTH:

-

MANUFACTURER DISCLAIMER:

The information contained herein is, to the best of Scott's knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Scotts shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Scotts 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.

COMMENTS:

For additional information concerning product use, call The Scotts Company Consumer Services at 800-225-2883. Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.