



# Material Safety Data Sheet

United States

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## A.D.I.O.S. (WSG) ECO-FRIENDLY WEED CONTROL WATER SOLUBLE GRANULES

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### \*\*\* Section 1 - Product and Company Identification \*\*\*

**EPA Registration number :** (25)b (Qualifies for exemption from registration under the Federal Pesticide Act.)

**Manufacturer Information :** Herbanatur Inc. 212, de la Matamec, Terrebonne, Quebec, Canada, J6W 6H3 Phone: 877-687-0109 Fax: 450-964-6685 **CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300**

### \*\*\* Section 2 - Hazards Identification \*\*\*

**OSHA/HCS status :** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

**Physical State :** Granular

**Emergency Overview :** No hazards anticipated under normal product use conditions.

#### Potential Health Effects

**Eyes :** None under anticipated use conditions. May cause irritation in sensitive individuals.

**Skin :** None under anticipated use conditions. May cause irritation in sensitive individuals.

**Ingestion :** Not considered a likely route of exposure under normal product use conditions.

**Inhalation :** None under anticipated use conditions.

**HMIS Ratings: Health: 0 Fire: 0 HMIS Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

Sodium chloride CAS#:(7647-14-5)

Potassium Chloride CAS#:(7447-40-7)

Sodium Bicarbonate CAS#:(144-55-8)

Sodium Alumino Sulfosilicate CAS#:(57455-37-5)

Sodium acetate CAS # : (127-09-3)

### \*\*\* Section 4 - First Aid Measures \*\*\*

#### First Aid

**Eyes :** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Contact a physician if irritation persists.

**Skin :** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Wash with soap and water. If irritation persists, contact a physician.

**Ingestion :** None needed. Get medical attention if symptoms appear.

**Inhalation :** None needed. Get medical attention if symptoms appear.

**Protection of first-aiders :** No action shall be taken involving any personal risk or without suitable training. **Notes to physician :** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**\*\*\* Section 5 - Fire Fighting Measures \*\*\***

**General Fire Hazards:** None (See Section 9 for Flammability Properties)

**Hazardous Combustion Products:** None

**Extinguishing Media:** Use appropriate extinguishing media for surrounding fire.

**Fire Fighting Equipment/Instructions:** Firefighters should wear full protective gear.

**NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**\*\*\* Section 6 - Accidental Release Measures \*\*\***

**Containment Procedures:** None needed.

**Clean-Up Procedures:** No special clean-up needed. Mop up if necessary.

**Evacuation Procedures:** None

**Special Procedures:** None

**\*\*\* Section 7 - Handling and Storage \*\*\***

**Handling Procedures:** No special handling necessary.

**Storage Procedures** No special storage needed.

**\*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\***

**A: Component Exposure Limits:** ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

**Engineering Controls:** None required.

**PERSONAL PROTECTIVE EQUIPMENT**

**Eyes/Face:** None required.

**Skin:** None required.

**Respiratory:** None required.

**Personal Protective Equipment:** None required.

**\*\*\* Section 9 - Physical & Chemical Properties \*\*\***

<b>Appearance:</b> White and blue	<b>Odor:</b> None
<b>Physical State:</b> Granular	<b>pH:</b> 7.0
<b>Vapor Pressure:</b> 17.5 @ 20C (68F)	<b>Vapor Density:</b> NA
<b>Boiling Point:</b> 1413°C (2575.4°F)	<b>Melting Point:</b> 801°C (1473.8°F)
<b>Solubility (H2O):</b> 35.7 g in 100mL at 20°C,	<b>Specific Gravity:</b> 2.165 (Water 1.0)
<b>Freezing Point:</b> -21.12 °C	<b>Evaporation Rate:</b> NA
<b>VOC:</b> NA	<b>Octanol/H2O Coeff.:</b>
<b>Flash Point:</b> NA	<b>Flash Point Method:</b> NA
<b>Upper Flammability Limit:</b> NA	<b>Lower Flammability Limit:</b> NA
<b>(UFL):</b>	<b>(LFL):</b>
<b>Burning Rate:</b> NA	<b>Auto Ignition:</b> NA

**\*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\***

**Chemical Stability:** This is a stable material.

**Chemical Stability (Conditions to Avoid):** None

**Incompatibility:** None

**Hazardous Decomposition:** None

**Possibility of Hazardous Reactions:** Will not occur.

**\*\*\* Section 11 - Toxicological Information \*\*\***

**Acute Dose Effects**

**A: General Product Information:** No information available for the product.

**B: Component Analysis - LD50/LC50:** Inhalation LC50 Rat >42 g/m<sup>3</sup> 1 h; Oral LD50 Rat 3 g/kg; Dermal LD50 Rabbit >10 g/kg

**Carcinogenicity**

**A: General Product Information:** No information available for the product.

**B: Component Carcinogenicity:** None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

**\*\*\* Section 12 - Ecological Information \*\*\***

**Ecotoxicity**

**A: General Product Information:** No information available for the product.

**B: Component Analysis - Ecotoxicity - Aquatic Toxicity**

Sodium chloride (7647-14-5) Test & Species	Conditions
96 Hr LC50 Lepomis macrochirus	5560-6080 mg/L [flow-through]
96 Hr LC50 Lepomis macrochirus	12946 mg/L [static]
96 Hr LC50 Pimephales promelas	6020-7070 mg/L [static]
96 Hr LC50 Pimephales promelas	7050 mg/L [semi-static]
96 Hr LC50 Pimephales promelas	6420-6700 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	4747-7824 mg/L [flow-through]
48 Hr EC50 Daphnia magna	1000 mg/L
48 Hr EC50 Daphnia magna	340.7 - 469.2 mg/L [Static]

**\*\*\* Section 13 - Disposal Considerations \*\*\***

**US EPA Waste Number & Descriptions**

**Component Waste Numbers:** No EPA Waste Numbers are applicable for this product's components. **Disposal Instructions:** All wastes must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendation

**\*\*\* Section 14 - Transportation Information \*\*\***

**US DOT Information**

**Shipping Name:** Not Regulated

**\*\*\* Section 15 - Regulatory Information \*\*\***

**US Federal Regulations:** (25)b (Qualifies for exemption from registration under the Federal Pesticide Act.)

**Component Analysis:** None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

**State Regulations**

**Component Analysis - State:** None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

**Component Analysis - WHMIS IDL:** No components are listed in the WHMIS IDL.

**Additional Regulatory Information**

**Other Information**

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

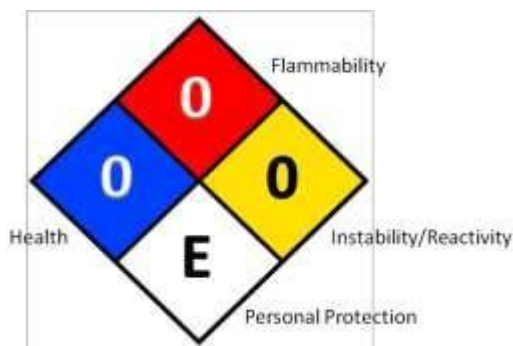
**Hazardous Material Information System (U.S.A.) :**

Health	1
Flammability	0
Physical hazards	0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

**The customer is responsible for determining the PPE code for this material.**

**National Fire Protection Association (U.S.A.), Copyright ©2001:**



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**Notice to reader**

**General Comment:** This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

**Additional Information:** This information contained herein is, to the best of Herbanatur'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, Herbanatur 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.

**Key/Legend**

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.