



**ACTIVE**<sup>TM</sup>  
AgriScience

TECHNOLOGY PAST THE POINT OF NUTRITION

1-639-398-0485  
3422 Millar Ave,  
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## SAFETY DATA SHEET

*Active GRAINFILL 10-0-16*

| SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| PRODUCT IDENTIFIER                                      | Active GRAINFILL B 10-0-16 + 0.05% Kinetin and 2% B  |
| PRODUCT USE                                             | Agricultural fertilizer plus plant growth regulator. |
| MANUFACTURERS NAME                                      | Active AgriScience Inc.                              |
| STREET ADDRESS                                          | 3422 Millar Avenue                                   |
| CITY                                                    | Saskatoon                                            |
| POSTAL CODE                                             | S7K 5Y7                                              |
| DATE                                                    | Oct 30, 2026                                         |
| PROVINCE                                                | Saskatchewan, Canada                                 |
| EMERGENCY TELEPHONE                                     | +1 855-237-5573                                      |
| PREPARED BY                                             | Active AgriScience Inc.                              |
| USE RESTRICTIONS                                        | For professional use only. Use only as labeled.      |
| DISTRIBUTORS NAME                                       |                                                      |
| STREET ADDRESS                                          |                                                      |
| CITY                                                    |                                                      |
| POSTAL CODE                                             |                                                      |
| COUNTRY                                                 |                                                      |
| EMERGENCY TELEPHONE                                     |                                                      |



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### SECTION 2 – HAZARDS IDENTIFICATION

#### GHS CLASSIFICATION

|                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HPR (WHMIS 2015)                                                                                                                                                                           | <b>Skin Corrosion / Irritation:</b> Category 1A<br><b>Specific Target Organ Toxicity (single exposure)</b> Category 3; <b>Target organs:</b> respiratory system<br><b>Reproductive toxicity:</b> Category 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OSHA Hazard Communication Standard (29 CFR 1910.1200)                                                                                                                                      | <b>Skin Corrosion / Irritation:</b> Category 1A<br><b>Specific Target Organ Toxicity (single exposure)</b> Category 3; <b>Target organs:</b> respiratory system<br><b>Reproductive toxicity:</b> Category 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <br><br><b>ANGER</b> | <b>HAZARD STATEMENTS:</b> CAUSES SEVERE BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION. MAY DAMAGE FERTILITY OR THE UNBORN CHILD.<br><b>PRECAUTIONARY STATEMENTS:</b> Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear chemical resistant gloves, coveralls, goggles and face protection. Change gloves frequently. Use an air purifying respirator. Do not eat, drink or smoke when using this product. Wash up thoroughly before eating, drinking, smoking and leaving work.<br><b>FIRST AID:</b> <i>IF SWALLOWED:</i> Rinse mouth. Do NOT induce vomiting. <b>Immediately call a POISON CENTRE/doctor.</b> <i>IF ON SKIN:</i> Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. <b>Seek immediate medical attention.</b> <i>IF INHALED:</i> Remove person to fresh air and keep comfortable for breathing. <b>Immediately call a POISON CENTRE/doctor.</b> <i>IF IN EYES:</i> Immediately flush eyes with a gentle stream of water for 15 minutes while holding the upper and lower eyelids open. Remove contact lenses, if present and easy to do. <b>Seek immediate medical attention.</b><br><b>STORAGE:</b> KEEP OUT OF REACH OF CHILDREN. Store locked up in a cool, dry, well-ventilated area away from food or feed storage. DO NOT FREEZE.<br><b>DISPOSAL:</b> Dispose of this product and its container in accordance with Federal, Provincial, and Local regulations. |

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| INGREDIENTS         | CAS#       | CONCENTRATION |
|---------------------|------------|---------------|
| Potassium hydroxide | 1310-58-3  | 5-10%         |
| Boric acid          | 10043-35-3 | 10-15%        |



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#### SECTION 4 – FIRST AID MEASURES

|                                               |                                                                                                                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE CONTACT                                   | Immediately flush eyes with a gentle stream of water for 15 minutes while holding the upper and lower eyelids open. Remove contact lenses, if present and easy to do. <b>Seek immediate medical attention.</b> |
| SKIN CONTACT                                  | Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. <b>Seek immediate medical attention.</b>                                           |
| INHALATION                                    | Remove person to fresh air and keep comfortable for breathing. <b>Immediately call a POISON CENTRE/doctor.</b>                                                                                                 |
| INGESTION                                     | Rinse mouth. Do NOT induce vomiting. <b>Immediately call a POISON CENTRE/doctor.</b>                                                                                                                           |
| Most Important Symptoms, both acute & delayed | Causes severe burns and eye damage. May cause respiratory irritation. Contains Boron: May damage fertility or the unborn child.                                                                                |

#### SECTION 5 – FIRE FIGHTING MEASURES

|                                 |                                                                         |
|---------------------------------|-------------------------------------------------------------------------|
| FLAMMABLE                       | Product will not burn or support combustion.                            |
| MEANS OF EXTINCTION             | Use extinguishing methods appropriate for the surrounding fire.         |
| FLASHPOINT & METHOD             | NAP                                                                     |
| UPPER FLAMMABLE LIMIT           | NAP                                                                     |
| LOWER FLAMMABILITY LIMIT        | NAP                                                                     |
| AUTO IGNITION TEMPERATURE       | NAP                                                                     |
| SENSITIVITY TO IMPACT           | NAP                                                                     |
| SENSITIVITY TO STATIC DISCHARGE | NAP                                                                     |
| HAZARDOUS COMBUSTION PRODUCTS   | Toxic, irritating and/or corrosive gases may be released during a fire. |



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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

|                                    |                                                                                                                                                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LEAK &amp; SPILL PROCEDURES</b> | Wear personal protective equipment outlined in SECTION 8. Ventilate area of spill. Avoid breathing mists. Contain spill then adsorb with inert material and place into suitable clean containers for later disposal. Do not release into drains or the environment. |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SECTION 7 – HANDLING AND STORAGE

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HANDLING</b> | Wear personal protective equipment outlined in SECTION 8. Do not breathe mist/spray. Do not apply when air temperatures are above 29°C (85°F) and avoid spraying on windy days. Do not apply within 21 days to harvest. Do not re-enter or allow re-entry into treated areas until 4 hours after application. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate or allow rinse water to contaminate ponds or lakes. Do not connect an irrigation / chemigation system unless the backflow system (backflow preventer, check valve, vacuum relief valve) is in place to prevent water source contamination from backflow. Wash hands and other exposed areas before eating, drinking, smoking and when leaving work. |
| <b>STORAGE</b>  | KEEP OUT OF REACH OF CHILDREN. Store locked up in a cool, dry, well ventilated area away from food or feed storage. DO NOT FREEZE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

|                                      |                                                                                                                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EXPOSURE LIMITS</b>               | Potassium Hydroxide: ACGIH TLV = 2 mg/m <sup>3</sup> (ceiling).                                                                                                                                                                                                                          |
| <b>ENGINEERING CONTROLS</b>          | Ensure adequate ventilation when handling or applying this product. Follow all label instructions. Follow manufacturers' instructions for cleaning / maintaining personal protective equipment. If mists are present and ventilation is absent or poor, use an air purifying respirator. |
| <b>PERSONAL PROTECTIVE EQUIPMENT</b> |                                                                                                                                                                                                                                                                                          |
| <b>Skin</b>                          | Wear chemical resistant gloves, coveralls and face protection when handling or applying this product. Change gloves frequently.                                                                                                                                                          |
| <b>Eyes</b>                          | Wear chemical resistant goggles when handling or applying this product.                                                                                                                                                                                                                  |
| <b>Respirator</b>                    | Use an air purifying respirator when handling or applying this product.                                                                                                                                                                                                                  |



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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|                     |                           |
|---------------------|---------------------------|
| PHYSICAL STATE      | Liquid                    |
| COLOUR              | Light amber               |
| BOILING POINT       | NAV                       |
| EVAPORATION RATE    | NAV                       |
| ODOUR               | NAV                       |
| SOLUBILITY IN WATER | Product is a solution     |
| APPEARANCE          | Light amber liquid        |
| VISCOSITY           | NAV                       |
| FREEZING POINT      | NAV                       |
| SPECIFIC GRAVITY    | 1.3-1.4 g/cm <sup>3</sup> |
| pH                  | 14.0-15.5                 |
| ODOUR THRESHHOLD    | NAV                       |

### SECTION 10 – STABILITY AND REACTIVITY

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| CHEMICAL STABILITY                 | Stable under normal conditions of use and storage.                      |
| INCOMPATIBLE WITH OTHER SUBSTANCES | Not available.                                                          |
| HAZARDOUS DECOMPOSING PRODUCTS     | Toxic irritating, and/or corrosive gases may be released during a fire. |



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### SECTION 11 – TOXICOLOGICAL INFORMATION

|                          |                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| ACUTE TOXICITY           | Acute Oral: Does not meet criteria.<br>Acute Dermal: Does not meet criteria.                                                                        |
| CHRONIC TOXICITY         | Based on the available information, product does not meet criteria for chronic toxicity.                                                            |
| EYE / SKIN IRRITATION    | Causes severe burns and eye damage.                                                                                                                 |
| SENSITIZATION            | Not available.                                                                                                                                      |
| CARCINOGENICITY          | No component of this product present at levels $\geq 0.1\%$ is identified as a probable, possible, or confirmed human carcinogen by IARC, or ACGIH. |
| REPRODUCTIVE TOXICITY    | Not available.                                                                                                                                      |
| MUTAGENICITY             | Not available.                                                                                                                                      |
| Possible delayed effects | Potassium hydroxide may damage tissues with a delayed sensation of pain. May penetrate deeper layers of tissue until removed.                       |

### SECTION 12 – ECOLOGICAL INFORMATION

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| ECOTOXICITY | Harmful to aquatic organisms. Avoid release into the environment. |
|-------------|-------------------------------------------------------------------|

### SECTION 13 – DISPOSAL CONSIDERATIONS

|                |                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------|
| WASTE DISPOSAL | Dispose of this product and its container in accordance with Federal, Provincial, and Local regulations. |
|----------------|----------------------------------------------------------------------------------------------------------|

### SECTION 14 – TRANSPORT INFORMATION

|          |                                                                                      |
|----------|--------------------------------------------------------------------------------------|
| SHIPPING | TDG: Not a dangerous good for transport.<br>DOT: Not a dangerous good for transport. |
|----------|--------------------------------------------------------------------------------------|

### SECTION 15 – REGULATORY INFORMATION

This SDS is prepared to comply with the Global Harmonized System of Chemical Classification and Labeling (GHS) and conforms to the requirements of HPR (WHMIS 2015) & OSHA Hazard Communication Standard (29 CFR 1910.1200).



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## **SAFETY DATA SHEET**

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### **SECTION 16 – OTHER INFORMATION**

To the best of our knowledge, the information contained herein is current and correct as of the date of this SDS, however, the information and recommendations are presented without warranty, representation or license of any kind, with respect to their accuracy, or completeness, and the seller, supplier and manufacturer (Supplier) of this material or their affiliates, disclaim all liability for reliance on such information and recommendations.

Final determination of the suitability of any material is the sole responsibility of the buyer or the user (recipient). All materials may present unknown hazards and should be used with caution. The recipient assumes all risk in connection with the use of this material and assumes all responsibility for ensuring the material is used in a safe manner in compliance with applicable environmental, health and safety laws.

The supplier does not warrant the merchantability of this material or the fitness of the material for any particular use and assumes no responsibility for injury or damage caused directly or indirectly by the use of this material.