



ACTIVE[™]
AgriScience

TECHNOLOGY PAST THE POINT OF NUTRITION

1-639-398-0485
3422 Millar Ave,
Saskatoon, SK,
S7K 5Y7, Canada
activeagriscience.com

SAFETY DATA SHEET

Active GRAINFILL 10-0-14

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT IDENTIFIER	Active GRAINFILL 10-0-14 + 0.05% Kinetin
PRODUCT USE	Agricultural fertilizer plus plant growth regulator
MANUFACTURERS NAME	Opal Australasia
ADDRESS	7 Yeates Road, Kwinana Beach, WA 6167, Australia
DATE	Feb. 13, 2024
EMERGENCY TELEPHONE	+1800 039 008
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)	Skin Corrosion / Irritation: Category 1A Specific Target Organ Toxicity (single exposure) Category 3; Target organs: respiratory system
OSHA Hazard Communication Standard (29 CFR 1910.1200)	Skin Corrosion / Irritation: Category 1A Specific Target Organ Toxicity (single exposure) Category 3; Target organs: respiratory system
 DANGER	<p>HAZARD STATEMENTS: CAUSES SEVERE BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION.</p> <p>PRECAUTIONARY STATEMENTS: 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.</p> <p>FIRST AID: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor. IF ON SKIN: Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Seek immediate medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE/doctor. IF IN EYES: 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. Seek immediate medical attention.</p> <p>STORAGE: 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.</p> <p>DISPOSAL: Dispose of this product and its container in accordance with Federal, Provincial, and Local regulations.</p>

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	CONCENTRATION
Potassium hydroxide	1310-58-3	5-10%



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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. Seek immediate medical attention.
SKIN CONTACT	Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Seek immediate medical attention.
INHALATION	Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE/doctor.
INGESTION	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.
Most Important Symptoms, both acute & delayed	Causes severe burns and eye damage. May cause respiratory irritation.

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

LEAK & SPILL PROCEDURES	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.
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SECTION 7 – HANDLING AND STORAGE

HANDLING	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.
STORAGE	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

EXPOSURE LIMITS	Potassium Hydroxide: ACGIH TLV = 2 mg/m ³ (ceiling).
ENGINEERING CONTROLS	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.
PERSONAL PROTECTIVE EQUIPMENT	
Skin	Wear chemical resistant gloves, coveralls and face protection when handling or applying this product. Change gloves frequently.
Eyes	Wear chemical resistant goggles when handling or applying this product.
Respirator	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 g/cm ³
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. 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. 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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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.