



ACTIVE™
AgriScience

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

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION							
PRODUCT IDENTIFIER		ACTIVE KONNECT 0-0-29 + 0.05% Kinetin			REGISTRATION NUMBER FERTILIZERS ACT		2106149A
PRODUCT USE		Potassium Fertilizer plus plant growth regulator		USE RESTRICTIONS		Use only as directed on label	
MANUFACTURERS NAME		Active AgriScience Inc.		DISTRIBUTORS NAME			
STREET ADDRESS		3422 Millar Ave.		STREET ADDRESS			
CITY	Saskatoon	PROVINCE	Saskatchewan, Canada	CITY		PROVINCE	
POSTAL CODE	S7K 5Y7	EMERGENCY TELEPHONE	1-639-398-0485	POSTAL CODE		EMERGENCY TELEPHONE	
DATE	March 31st, 2020	PREPARED BY	Active AgriScience Inc.			PHONE NUMBER	
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: Wear protective gloves / protective clothing / eye protection / face protection. Use only outdoors in a well-ventilated area. Do not breathe mists. Wash hands and exposed skin thoroughly after handling.</p> <p>FIRST AID: <i>IF IN EYES:</i> rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. <i>IF ON SKIN (or hair):</i> Take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. <i>IF INHALED:</i> Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE/doctor. <i>IF SWALLOWED:</i> rinse mouth. Do NOT induce vomiting. Immediately call a poison centre / doctor</p>					



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MOST IMPORTANT SYMPTOMS, BOTH ACUTE AND DELAYED

Product is caustic and corrosive to all tissue. Causes severe burns and eye damage. Effects may be delayed and damage may occur without the sensation of pain. May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS#	CONCENTRATION
Potassium Hydroxide	1310-58-3	10-15%

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
SKIN CONTACT	<i>IF ON SKIN (or hair):</i> Take off immediately all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Seek medical attention if irritation persists
INGESTION	Rinse mouth. Do NOT induce vomiting. Immediately call a poison centre / doctor
INHALATION	Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE/doctor.

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	Corrosive and/or toxic gases may be released during a fire				

SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK & SPILL PROCEDURES	Wear personal protective equipment outlined in SECTION 8. Ventilate area of spill. Contain spill then adsorb with inert material and place into suitable clean containers for later disposal. Do not release runoff from fire control or dilution water 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 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.
STORAGE	Store in a cool, dry, well ventilated area.
DISPOSAL	Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incinerate by burning, if allowed by provincial and local authorities. If burned, stay out of smoke.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS	<table border="0"> <tr> <td>Exposure Limits</td> <td>ACGIH</td> <td>NIOSH</td> <td>OSHA – Final PEL's</td> </tr> <tr> <td></td> <td>Not available</td> <td>Not available</td> <td>Not available</td> </tr> </table>	Exposure Limits	ACGIH	NIOSH	OSHA – Final PEL's		Not available	Not available	Not available
Exposure Limits	ACGIH	NIOSH	OSHA – Final PEL's						
	Not available	Not available	Not available						
ENGINEERING CONTROLS	Ensure adequate ventilation when applying this product. If mists are present and ventilation is absent or poor, use an air purifying respirator								

PERSONAL PROTECTIVE EQUIPMENT

Skin	Avoid contact with skin or clothing. Use water chemical resistant gloves, long sleeved shirt, long pants, and shoes plus socks
Eyes	Chemical goggles or face mask
Respirator	If mists are present and ventilation is absent or poor, use an air purifying respirator

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid	COLOUR	Amber	VISCOSITY	NAV
SPECIFIC GRAVITY	1.3 - 1.5 g/cm ³	BOILING POINT	NAV	FREEZING POINT	NAV
EVAPORATION RATE	NAV	SPECIFIC GRAVITY	NAV	ODOUR	NAV



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PH	15	SOLUBILITY IN WATER	Very soluble	ODOUR THRESHHOLD	NAV
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SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions of use and storage
INCOMPATIBILITY WITH OTHER SUBSTANCES	Not available
HAZARDOUS DECOMPOSITION PRODUCTS	Corrosive and/or toxic gases may be released during a fire or when product is heated to decomposition

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Based on the available information, this product does not meet the criteria for acute toxicity
CHRONIC TOXICITY	Based on the available information, product does not meet criteria for chronic toxicity
IRRITANCY OF PRODUCT	Product is corrosive to all human tissue
SENSITIZATION	No information available
CARCINOGENICITY	No components of this product present at levels greater than or equal to 0.1% are identified as carcinogens or potential carcinogen by ACGIH, NTP, or ACGIH
REPRODUCTIVE TOXICITY	No information available
MUTAGENICITY	No information available

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	Harmful to aquatic organisms. Avoid release into the environment.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of this product in accordance with Federal, Provincial, State and municipal regulations.
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SECTION 14 – TRANSPORT INFORMATION

SHIPPING	TDG: Not regulated for transport. DOT: Not regulated for transport
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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 the Hazard Products Act and Regulations (WHMIS 2015) and the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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, and 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.