



tel.: 1-639-398-0485  
 3422 Millar Ave,  
 Saskatoon, SK,  
 S7K 5Y7, Canada  
[activecannascience.com](http://activecannascience.com)

## MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION							
PRODUCT IDENTIFIER		<b>Hydro Grow 12-8-4</b>					
PRODUCT USE		Agricultural fertilizer		USE RESTRICTIONS		For professional use only. Use only as labeled	
MANUFACTURERS NAME		Active CannaScience		DISTRIBUTORS NAME			
STREET ADDRESS		3422 Millar Ave.		STREET ADDRESS			
CITY	Saskatoon	PROVINCE	Saskatchewan, Canada	CITY		COUNTRY	
POSTAL CODE	S7K 5Y7	EMERGENCY TELEPHONE	1-639-398-0485	POSTAL CODE		EMERGENCY TELEPHONE	
DATE	April 23, 2020	PREPARED BY	Active CannaScience	PHONE NUMBER			
SECTION 2 – HAZARDS IDENTIFICATION							
GHS CLASSIFICATION:		Based on the available information, this material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) or HPR (WHMIS 2015).					
		<p><b>WARNING:</b> HAZARD STATEMENTS: CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION.</p> <p><b>PRECAUTIONARY STATEMENTS:</b> Wear protective gloves /protective clothing / eye protection / face protection. Wash hands and exposed skin thoroughly after handling.</p> <p><b>FIRST AID:</b> If exposed or concerned call a POISON CENTER/ DOCTOR. <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice / attention. <b>IF ON SKIN:</b> wash with plenty of water. If skin irritation occurs, get medical advice / attention. Take off contaminated clothing and wash it before reuse. <b>STORAGE:</b> KEEP OUT OF REACH OF CHILDREN. Store in a cool dry place. <b>DISPOSAL:</b> Dispose of product/container in accordance with Federal, provincial, state, and local regulations. <b>FOR CHEMICAL EMERGENCY CALL:</b> (604) 864 - 0154</p>					
SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS							
Contains no hazardous ingredients.							
EYE CONTACT		Flush eyes with a large gentle stream of water for 5 minutes while holding the upper and lower eyelids open. Seek medical attention if irritation persists					
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<b>SKIN CONTACT</b>	Flush skin with plenty of water. Seek medical attention if irritation persists. Wash contaminated clothing before reuse				
<b>INHALATION</b>	Move victim to fresh air. Allow the victim to rest in a well-ventilated area. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention if irritation persists				
<b>INGESTION</b>	Never give anything by mouth to an unconscious person. DO NOT induce vomiting without physician's direction. If vomiting occurs naturally, have victim lean forward with head down to avoid breathing in vomit, rinse mouth. Seek medical attention if you feel unwell				
Most Important Symptoms, both acute & delayed	No adverse effects expected				
<b>SECTION 5 – FIRE FIGHTING MEASURES</b>					
<b>FLAMMABLE</b>	Product will not burn or support combustion				
<b>MEANS OF EXTINCTION</b>	Use extinguishing methods appropriate for the surrounding fire.				
<b>FLASHPOINT &amp; METHOD</b>	NAP	<b>UPPER FLAMMABLE LIMIT</b>	NAP	<b>LOWER FLAMMABILITY LIMIT</b>	NAP
<b>AUTO IGNITION TEMPERATURE</b>	NAP	<b>SENSITIVITY TO IMPACT</b>	NAP	<b>SENSITIVITY TO STATIC DISCHARGE</b>	NAP
<b>HAZARDOUS COMBUSTION PRODUCTS</b>			Toxic and / or irritating gases may be released during a fire		
<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>					
<b>LEAK &amp; SPILL PROCEDURES</b>	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 into drains or the environment				
<b>SECTION 7 – HANDLING AND STORAGE</b>					
<b>HANDLING</b>	Avoid getting into eyes or on skin. Avoid breathing mist/spray. Wear protective gloves, and eye protection—See SECTION 8. If mists are present and ventilation is poor or absent, wear an air purifying respirator.				



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<b>STORAGE</b>	Store in a cool, dry, well ventilated area away from food or feed storage. Keep out of reach of children				
<b>INCOMPATIBLE MATERIALS</b>	Not available				
<b>SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION</b>					
<b>EXPOSURE LIMITS</b>	Not available				
<b>ENGINEERING CONTROLS</b>	Use general or local ventilation to maintain low worker exposure. 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 protective gloves (latex, butyl or plastic (PVC)) when handling or applying this product				
<b>Eyes</b>	Wear chemical goggles when handling or applying product				
<b>Respirator</b>	Use an approved air purifying respirator if mists are present and ventilation is absent or poor				
<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>					
<b>PHYSICAL STATE</b>	Liquid	<b>APPEARANCE</b>	Not available	<b>COLOUR</b>	Not available
<b>VISCOSITY</b>	Not available	<b>BOILING POINT</b>	Not available	<b>FREEZING POINT</b>	Not available
<b>EVAPORATION RATE</b>	Not available	<b>SPECIFIC GRAVITY</b>	1.18 g/cm <sup>3</sup>	<b>ODOUR</b>	Not available
<b>PH</b>	5.5 - 6	<b>SOLUBILITY IN WATER</b>	Product is a solution	<b>ODOUR THRESHHOLD</b>	Not available
<b>SECTION 10 – STABILITY AND REACTIVITY</b>					
<b>CHEMICAL STABILITY</b>	Stable under normal conditions of use and storage				
<b>INCOMPATABILITY WITH OTHER SUBSTANCES</b>	Not available				
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Toxic and/or irritating gases may be released during a fire				



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### *Hydro Grow 12-8-4*

#### SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Acute Oral: does not meet criteria Acute Dermal: does not meet criteria
CHRONIC TOXICITY	Not available
EYE / SKIN IRRITATION	Causes eye, skin and respiratory irritation
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

#### SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	Not available
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#### SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of this product and its container in accordance with Federal, State, Provincial and local regulations
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#### SECTION 14 – TRANSPORT INFORMATION

SHIPPING	TDG not a dangerous good for transport DOT: not a dangerous good 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 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, 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.