



**ACTIVE**<sup>™</sup>  
AgriScience

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

## SAFETY DATA SHEET

*Active UAN 28-0-0*

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT IDENTIFIER	<b>Active UAN 28-0-0</b>
PRODUCT USE	Liquid Nitrogen fertilizer
MANUFACTURERS NAME	Active AgriScience Inc.
STREET ADDRESS	3422 Millar Avenue
CITY	Saskatoon
POSTAL CODE	S7K 5Y7
DATE	July 8, 2021
PROVINCE	Saskatchewan, Canada
EMERGENCY TELEPHONE	1-639-398-0485
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)

**Eye Damage / Irritation:** Category 2A

OSHA Hazard  
Communication Standard  
(29 CFR 1910.1200)

**Eye Damage / Irritation:** Category 2A



**HAZARD STATEMENTS:** CAUSES SERIOUS EYE IRRITATION.

**PRECAUTIONARY STATEMENTS:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear chemical resistant gloves, clothing, eye protection and face protection. Wear air supplied respirator where airborne concentrations exceed recommended exposure limits or are unknown. Do not eat, drink or smoke when using this product. Wash up thoroughly before eating, drinking, smoking and leaving work.

**FIRST AID: IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Seek medical attention if you feel unwell. **IF ON SKIN:** Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Seek medical attention if irritation persists. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell. **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 medical attention if irritation persists. **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. **DISPOSAL:** Dispose of this product and its container in accordance with Federal, Provincial, and Local regulations.

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

CAS#

CONCENTRATION

Urea Ammonium Nitrate

15978-77-5

98-99%



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### SECTION 4 – FIRST AID MEASURES

<b>EYE CONTACT</b>	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 medical attention if irritation persists.
<b>SKIN CONTACT</b>	Immediately take off all contaminated clothing. Rinse skin with water (or shower). Wash contaminated clothing before reuse. Seek medical attention if irritation persists.
<b>INHALATION</b>	Remove person to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.
<b>INGESTION</b>	Rinse mouth. Do NOT induce vomiting. Seek medical attention if you feel unwell.
<b>Most Important Symptoms, both acute &amp; delayed</b>	Causes serious eye irritation.

### SECTION 5 – FIRE FIGHTING MEASURES

<b>FLAMMABLE</b>	Product will not burn or support combustion.
<b>MEANS OF EXTINCTION</b>	Use extinguishing methods appropriate for the surrounding fire. Do not use a water jet as this may spread the fire. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode
<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, irritating and/ or corrosive gases may be released during a fire - Ammonia and Nitrogen Oxides. Product is not explosive.



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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>LEAK &amp; SPILL PROCEDURES</b>	<p>Wear personal protective equipment outlined in SECTION 8. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).</p> <p><b>Small spills:</b> Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</p> <p><b>Large spills:</b> Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Notify local health and wildlife officials. Notify operators of nearby water intakes. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.</p>
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### SECTION 7 – HANDLING AND STORAGE

<b>HANDLING</b>	<p>Do not handle until all safety precautions have been read and understood. Do not breathe mist/spray. Do not get in eyes, or skin. Wear personal protective equipment outlined in SECTION 8. Wash hands and other exposed areas before eating, drinking, smoking and when leaving work. Use thermally protected pumps (max 66C or 150F). DO NOT allow any pump handling the product to run dry or over-heat e.g. due to blockage or closed valve in the associated lines, resulting in pumping against a dead-end. Under such conditions if over-heating occurs this may cause vaporization and possible decomposition of the product. This can create pressure build-up in the pump and, if unchecked, lead to an explosion. Ensure that the pump is used correctly according to the manufacturer's instructions at all times when pumping the product.</p>
<b>STORAGE</b>	<p>KEEP OUT OF REACH OF CHILDREN. Store locked up in a cool, dry, well ventilated area away from food or feed storage. Do not allow product to dry out. Corrosive sludge may form upon prolonged storage.</p>



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<b>SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION</b>	
<b>EXPOSURE LIMITS</b>	Not available.
<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, clothing, and face protection when handling or applying this product.
<b>Eyes</b>	Wear chemical resistant goggles when handling or applying this product.
<b>Respirator</b>	Wear air supplied respirator where airborne concentrations exceed recommended exposure limits or are unknown.



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<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>	
PHYSICAL STATE	Liquid
COLOUR	Colorless or very light green.
BOILING POINT	NAV
EVAPORATION RATE	NAV
ODOUR	NAV
SOLUBILITY IN WATER	Highly soluble
APPEARANCE	Clear liquid
VISCOSITY	Flows well
FREEZING POINT	NAV
SPECIFIC GRAVITY	1.27-1.28 g/cm <sup>3</sup>
pH	6 - 8
ODOUR THRESHHOLD	NAV

<b>SECTION 10 – STABILITY AND REACTIVITY</b>	
CHEMICAL STABILITY	Stable under normal conditions of use and storage.
INCOMPATIBLE WITH OTHER SUBSTANCES	Acids, strong reducing agents, strong oxidizing agents, halogens, copper, copper alloys and zinc.
HAZARDOUS DECOMPOSING PRODUCTS	Toxic, irritating and/ or corrosive gases may be released during a fire - Ammonia and Nitrogen Oxides. Product is not explosive.



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<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>	
<b>ACUTE TOXICITY</b>	Acute Oral: Does not meet criteria. Acute Dermal: Does not meet criteria.
<b>CHRONIC TOXICITY</b>	Based on the available information, product does not meet criteria for chronic toxicity.
<b>EYE / SKIN IRRITATION</b>	Causes serious eye irritation.
<b>SENSITIZATION</b>	Not available.
<b>CARCINOGENICITY</b>	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.
<b>REPRODUCTIVE TOXICITY</b>	Not available.
<b>MUTAGENICITY</b>	Not available.

<b>SECTION 12 – ECOLOGICAL INFORMATION</b>	
<b>ECOTOXICITY</b>	Not available.
<b>MOBILITY IN SOIL</b>	Product is water soluble and may move through soil.

<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>	
<b>WASTE DISPOSAL</b>	Dispose of this product and its container in accordance with Federal, Provincial, and Local regulations.

<b>SECTION 14 – TRANSPORT INFORMATION</b>	
<b>SHIPPING</b>	TDG: Not regulated as dangerous goods. UN Number: Not regulated. DOT: Not regulated as dangerous goods. IATA: Not regulated as dangerous goods. IMDG: Not regulated as dangerous goods.
<b>Canadian NPRI</b>	The following components are listed: Ammonium nitrate.



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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).

### **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.