



ACTIVETM
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 SURGE

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT IDENTIFIER	Active SURGE 6-22-3
PRODUCT USE	Agricultural fertilizer
MANUFACTURERS NAME	Active AgriScience Inc.
STREET ADDRESS	3422 Millar Avenue
CITY	Saskatoon
POSTAL CODE	S7K 5Y7
DATE	Feb. 3, 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)	Eye Damage / Irritation: Category 2A Skin Irritation: Category 2
OSHA Hazard Communication Standard (29 CFR 1910.1200)	Eye Damage / Irritation: Category 2A Skin Irritation: Category 2
 WARNING	<p>HAZARD STATEMENTS: CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION.</p> <p>PRECAUTIONARY STATEMENTS: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, clothing, eye protection and face protection. 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. 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.</p>

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS#	CONCENTRATION
Potassium Hydroxide	1310-58-3	1–5%
Phosphoric Acid	7664-38-2	1–5%



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

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	Product is not flammable; heating may release low levels of irritating fumes.
MEANS OF EXTINCTION	Water spray, foam, dry chemical, CO ₂ .
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	Nitrogen oxides, phosphorus oxides, ammonia fumes, Carbon monoxide (CO) and carbon dioxide (CO ₂).



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SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK & SPILL PROCEDURES	<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>Small spills: 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>Large spills: 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 non-combustible, 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

HANDLING	Avoid skin/eye contact. Do not breathe mists. Use good industrial hygiene practices.
STORAGE	KEEP OUT OF REACH OF CHILDREN. Store locked up. Keep containers closed. Store indoors at 5–30°C. Protect from freezing. Keep away from strong acids and oxidizers.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS	Not available.
ENGINEERING CONTROLS	General ventilation; provide eyewash where product is handled.
PERSONAL PROTECTIVE EQUIPMENT	
Skin	Chemical-resistant gloves (e.g., nitrile).
Eyes	Safety glasses or goggles.
Respirator	Not normally required; use mist respirator if aerosols are generated.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
COLOUR	Light green.
BOILING POINT	NAV
EVAPORATION RATE	NAV
ODOUR	NAV
SOLUBILITY IN WATER	Highly soluble.
APPEARANCE	Light green liquid.
VISCOSITY	Flows well.
FREEZING POINT	NAV
SPECIFIC GRAVITY	1.26-1.3 g/cm ³
pH	6.5 – 7.0
ODOUR THRESHHOLD	NAV

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions of use and storage.
INCOMPATIBLE WITH OTHER SUBSTANCES	Strong acids, strong bases, oxidizers.
HAZARDOUS DECOMPOSING PRODUCTS	NO _x , PO _x , NH ₃ , CO, CO ₂ .



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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 serious eye irritation. Causes skin 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 expected to be acutely harmful at use dilutions. Ammonium phosphate fertilizers may contribute to eutrophication in waterways. Avoid large spills into surface water.
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SECTION 13 – DISPOSAL CONSIDERATIONS

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

SHIPPING	TDG / DOT / IMDG / IATA: Not regulated as dangerous goods for transport for typical fertilizer concentrations/packaging.
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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, 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.