




## SECTION 1: IDENTIFICATION

<b>Product Identifier</b>	Product Name: SulfurPower Other Identification: N/A
<b>Recommended Use</b>	Agricultural Industry – Fertilizer
<b>Guaranteed By</b>	PowerAG 2213 Leabrook Road Lancaster PA 17601 1-800-842-2578 powerag.com
<b>Emergency Telephone Number</b>	Emergency number: 1-800-424-9300 ChemTrec
<b>Date of Issue</b>	November 12, 2025

## SECTION 2: HAZARD(S) IDENTIFICATION

<b>Signal Word</b>	"WARNING"	
<b>Physical Hazards</b>	Not Classified	
<b>Health Hazards</b>	Category 0	
<b>Reactivity Hazards</b>	Category 0	
<b>Environment Hazards</b>	Category 0	
<b>Flammability Hazards</b>	Category 0	
<b>OSHA Defined Hazards</b>	Not Classified	
<b>Hazard Statements</b>	KEEP OUT OF REACH OF CHILDREN. In Case of Fire: Media as needed to control primary source of fire. If Swallowed: Call a Physician. Never give anything by mouth to an unconscious person. If on Skin or Hair: Remove contaminated clothing and launder before reuse. Wash affected area with soap and water. If in Eye: Immediately flush eye with large quantities of water for at least 15 minutes, occasionally lifting lower and upper lids. Call a physician. If Inhaled: Remove from contaminated atmosphere. If symptoms persist, consult a physician.	
<b>Storage</b>	Store in cool; dry place away from children as well as food and feed products.	
<b>Disposal</b>	Dispose of waste materials as well as food and feed products according to local, state, and federal regulations.	

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Name</b>	<b>CAS No.</b>	<b>%</b>
SulfurPower	7783-18-8	Proprietary
Water	7732-18-5	Proprietary
Urea	57-13-6	Proprietary

## SECTION 4: FIRST-AID MEASURES

<b>Inhalation</b>	Remove victim from contaminated atmosphere. If breathing is labored, administer oxygen. If breathing has ceased, clear airway and start CPR. Obtain medical attention.
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<b>Skin Contact</b>	Immediately flush with large quantities of water. Remove contaminated clothing under a safety shower. Continue rinsing. Obtain medical attention if irritation occurs.
<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart during irrigation to ensure thorough flushing of the entire area of the eye and lids. Remove contact lenses, if present and easy to do. Get medical attention immediately. Continue rinsing.
<b>Ingestion</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If respiratory symptoms persist, get medical advice/attention. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult.
<b>General Information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance

## SECTION 5: FIREFIGHTING MEASURES

<b>Suitable extinguishing</b>	Non-combustible; material itself does not burn
<b>Unsuitable extinguishing</b>	None known.
<b>Specific hazards arising from the chemical</b>	Containers may explode when heated. Heating may cause the release of ammonia vapours; NH <sub>3</sub> (16-25%) may form flammable mixtures with air.
<b>Special protective equipment and precautions for firefighters</b>	Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Wear personal protection equipment (see SECTION 8).
<b>Methods and Materials for Containment and Cleaning Up</b>	
<i>Large Spills</i>	Stop leak if you can do it without risk. Dike far ahead of large spill for later disposal. Spill or leak area should be isolated immediately. Remove persons to safety. Keep unauthorized personnel away.
<i>Small Spills</i>	Wash with plenty of water. Retain contaminated washing water and dispose it. Spill or leak area should be isolated immediately. Remove persons to safety. Keep unauthorized personnel away.
<b>Environmental Precautions</b>	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. In case of entry into waterways, soil or drains, inform the responsible authorities.



## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mist/vapors and contact with eyes, skin and clothing. Do not ingest. Wear personal protection equipment (see SECTION 8).

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Keep away from heat and sources of ignition — No smoking. Keep away from food/feedstuffs and incompatible materials (see SECTION 10). Being non-corrosive, the product can be stored in mild steel or aluminium containers, as well as in any type of storage used for fluid fertilizers. As with all other nitrogen solutions, it should not be allowed to contact with tin, copper, brass or other alloys.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

No exposure limits noted for ingredient(s).

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

### Personal Protective Equipment (PPE)

#### Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield.

#### Skin protection

Neoprene rubber gloves and apron should be worn to prevent repeated or prolonged contact with the liquid. Wash contaminated clothing prior to reuse.

#### Hand protection

Wear appropriate chemical resistant gloves.

#### Respiratory protection

None generally required. If conditions exist where mist may be generated, a NIOSH/MSHA approved mist respirator should be worn.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

There are no known hazards associated with this product when use as recommended, however common good industrial hygiene practices should be followed, such as washing thoroughly after handling and before eating or drinking.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Clear liquid, Colorless or pale yellow

### Odor

Pungent

### Odor threshold

N/A

### pH

8.0–9.0

### Melting point/freezing point

approx. 0 °C

### Initial boiling point and boiling range

+/- 105 °C

### Flash point

N/A

### Evaporation rate

N/A

### Flammability (solid, gas)

N/A

### Upper/lower flammability or explosive limits

Flammability limit – lower (%) N/A

Flammability limit – upper (%) N/A



Explosive limit – lower (%)	N/A
Explosive limit – upper (%)	N/A
<b>Vapor Density</b>	N/A
<b>Relative Density</b>	1.21 - 1.30 kg/dm <sup>3</sup>
<b>Solubility(ies)</b>	
Solubility (water)	100%
<b>Partition coefficient (n-octanol/water)</b>	N/A
<b>Auto-ignition temperature</b>	N/A
<b>Decomposition temperature</b>	N/A
<b>Viscosity</b>	N/A

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport. Blending with strong acids and anhydrous ammonia should be avoided.
<b>Chemical stability</b>	Material is stable under normal conditions
<b>Possibility of hazardous reactions</b>	N/A
<b>Conditions to avoid</b>	Avoid extreme temperatures and sources of ignition.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Fire or heat may produce irritating and/or toxic gases, including Sulphur dioxide; Nitrogen oxides; Ammonia.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

<i>Ingestion</i>	Not determined.
<i>Inhalation</i>	Not determined.
<i>Skin Contact</i>	Not determined.
<i>Eye Contact</i>	Not determined.

**Symptoms related to the physical, chemical, and toxicological characteristics** Not determined.

### Information on toxicological effects:

<b>Acute toxicity</b>	Acute toxicity (Oral): COMPONENT: Ammonium thiosulphate (CAS No. 7783-18-8): - LD50, Rat: 2,890 m
<b>Skin corrosion/irritation</b>	Not determined.
<b>Serious eye damage/eye irritation</b>	Not determined.
<b>Respiratory or skin sensitization</b>	
<i>Respiratory sensitization</i>	Not available.
<i>Skin sensitization</i>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.



<b>OSHA Specifically Regulated Substances</b>	Not listed.
<b>Reproductive toxicity</b>	Not classified.
<b>Specific target organ toxicity – single exposure</b>	Not classified.
<b>Specific target organ toxicity – repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not available.

## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	No data is available on the degradability of this product
<b>Bio accumulative potential</b>	Not available.
<b>Mobility in soil</b>	This product is water soluble and may disperse in soil.
<b>Other adverse effects</b>	Adopt good working practices, so that the product is not released into the environment.

## SECTION 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</b>	Consult federal, state and local regulations for disposal requirements.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## SECTION 14. TRANSPORT INFORMATION

<b>General</b>	The DOT transportation information below is for shipments with package sizes equal to or exceeding this value.
<b>DOT – Basic shipping requirements:</b>	
<i>UN number</i>	
<i>Proper shipping name</i>	Ammonium Thiosulphate Solution
<i>Hazard class</i>	N/A
<i>Packing group</i>	N/A
<b>Environmental hazards</b>	
<i>Marine pollutant</i>	No
<b>Special precautions</b>	NON-DANGEROUS GOODS: Not regulated for LAND transport. Read safety instructions, SDS and emergency procedures before handling.

**SECTION 15. REGULATORY INFORMATION**

**US Federal Regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Proposition 65(CA)** Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**TSCA Section 12(b)** Not regulated

**Export Notification (40 CFR 707, Subpt. D)**

**CERCLA Hazardous Substance List (40 CFR 302.4)**

*Reportable Quantity* Not applicable

**SARA 304 Emergency release notification** Not regulated

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

*Hazard categories* Immediate Hazard No

Delayed Hazard No

Fire Hazard No

Pressure Hazard No

Reactivity Hazard No

**SARA 302 Extremely hazardous substance** Not listed

**SARA 311/312 Hazardous chemical** No

**SECTION 16. OTHER INFORMATION**

**Issue date** November 12, 2025

**Disclaimer** The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.