



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product name

TotalPro

1.2. Company information

PowerAG, 2213 Leabrook Road, Lancaster PA 17601

1-800-842-2578 powerag.com

1.3. 24 HOUR EMERGENCY NUMBER/CHEMTREC (USA)

1-800-424-9300

1.4. Chemical name

Proprietary mixture

1.5. Chemical family

Mixture

1.6. Chemical formula

Mixture

1.7. Product use

Agricultural adjuvant: nonionic surfactant, water conditioner, drift and deposition agent

Section 1 notes: None

SECTION 2: HAZARDS IDENTIFICATION

2.1. GHS ratings

Toxicity categories: Eye damage/irritation Category 2A

Signal word: Warning

Hazard symbol:

2.2. GHS hazards

H319: Causes serious eye irritation.

SLIP HAZARD

Precautions

P102 Keep out of reach of children.

P103 Read label before use.

P233 Keep container tightly closed.

P234 Keep only in original container.

P261 Avoid breathing, vapors or spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P301 + 312 IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.

P302 + 352 IF ON SKIN: Wash with plenty of soap and water.

P304 + 340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do then continue rinsing cautiously. If eye irritation persists, get medical attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Ingredient/chemical designations

INGREDIENT	CAS NO.	% WT
Ammonium sulfate	7783-20-2	10–20%
Citric acid	77-92-9	5–10%
Proprietary	Proprietary	5–10%
Sodium hydroxide	1310-73-2	1–5%
Proprietary	Proprietary	1–5%
Proprietary	Proprietary	1–5%



PowerAG | TotalPro | Safety Data Sheet

Note: Product does NOT contain any pesticides or pest control agents.

Section 3 notes: These specific chemical identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

Carcinogenicity

OSHA: No | **ACGIH:** No | **NTP:** No | **IARC:** No | **OTHER:** No

SECTION 4: FIRST AID MEASURES

4.1. General

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

4.2. If in eyes

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. If eye irritation persists, get medical attention.

4.3. If on skin or clothing

Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes.

4.4. If swallowed

Do not induce vomiting. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

4.5. If inhaled

If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS

Section 4 notes: None

SECTION 5: FIREFIGHTING MEASURES

NFPA hazard classification

Health: 1 | **Flammability:** 0 | **Reactivity:** 0 | **Other:** –

5.1. In case of fire

Use water, carbon dioxide or dry chemical to extinguish fires.

5.2. Special firefighting procedures

Wear self-contained, positive pressure breathing apparatus.

5.3. Unusual fire and explosion hazards

None

5.4. Hazardous decomposition productions

Under fire conditions, oxides of carbon

Section 5 notes: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Accidental release measures

Spills may be slippery. Surround and absorb all spills. Material should be collected and disposed in proper manner.

Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

Section 6 notes: None

SECTION 7: HANDLING AND STORAGE

7.1. Handling

Keep out of reach of children. Read label before use. Avoid breathing vapors or spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Wear protective gloves, protective clothing, eye protection.

7.2. Storage

Do not allow to freeze. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. **Store between 40° and 90°F.**

Section 7 notes: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS No.	OSHA	ACGIH	NIOSH
Sodium hydroxide 1310-73-2	PEL: 2 mg/m ³ TWA STEL: –	PEL: 2 mg/m ³ Ceiling STEL: –	PEL: 2 mg/m ³ Ceiling STEL: –

8.1. Ventilation

Normal room ventilation (mechanical) or outdoor use should be satisfactory.

8.2. Respiratory protection

Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

8.3. Eye protection

Safety glasses or chemical goggles

8.4. Skin protection

Chemical gloves, long-sleeved shirts and pants

8.5. Other protective clothing or equipment

Eye wash and safety shower should be easily accessible.

8.6. Work hygienic practices

Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products.
Clean affected clothing, shoes, and protective equipment before reuse.

8.7. Exposure guidelines

If exposed, see section 4 for acute exposure first aid.

Section 8 notes: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to amber liquid

Odor: Mild

Odor threshold: Not known

Physical state: Liquid

pH as supplied: 5.2 to 6.0 neat

pH (other):

Initial boiling point: F: Unknown | C: Unknown

Boiling point range: F: Unknown | C: Unknown

Melting point: F: Unknown | C: Unknown

Freezing point: F: Unknown | C: Unknown

Flash point: F: >200 | C: >93

Method used: PMCC

Flammability (solid, gas): Can burn

Flammable limits in air: Upper: Unknown | Lower: Unknown
(% by volume)

Vapor pressure (mmHg):

@ F: Unknown | C: Unknown

Vapor density (Air=1):

@ F: Unknown | C: Unknown

Relative density: 1.167 to 1.191

Evaporation rate basis:

(butyl acetate=1): Unknown

Solubility in water: Soluble

Partition coefficient: (n-octanol/water):
Unknown

Auto-ignition temperature: Unknown

Decomposition temperature: Unknown

Viscosity: @ Not determined

F: Unknown | C: Unknown

Section 9 notes: Values are not product specifications.

Note: These physical data are typical values based on material tested but may vary from sample to sample.

Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SECTION 10: STABILITY AND REACTIVITY

10.1. Stability and reactivity

Stability: Stable

Conditions to avoid (stability): None known

Incompatibility (material to avoid): Strong oxidizers

Hazardous decomposition or by-products: Under fire conditions, oxides of carbon

Hazardous polymerization: Will not occur

Conditions to avoid (polymerization): None known

Section 10 notes: None

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Toxicological information

Mixture toxicity: –

Component toxicity: None

Section 11 notes: None

SECTION 12: ECOLOGICAL INFORMATION

12.1. Ecological information: None

Ecotoxicity: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

Section 12 notes: None

SECTION 13: DISPOSAL CONSIDERATIONS

12.1. Disposal considerations

Waste disposal method: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations.

Container disposal: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

RCRA hazard class: None

Section 13 notes: None

SECTION 14: TRANSPORT INFORMATION

14.1. U.S. Department of Transportation

DOT Shipping Description: Not regulated

U.S. Surface Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the air and maritime shipping modes.

Other agencies: None

Section 14 notes: None

SECTION 15: REGULATORY INFORMATION

15.1. U.S. Federal regulations

TSCA (Toxic Substance Control Act): Mixture not listed or excluded from listing

CERCLA (Comprehensive Response Compensation, And Liability Act): No

SARA Title III (Superfund Amendments And Reauthorization Act):

311/312 hazard categories: Acute hazard

313 reportable ingredients: Ammonium Sulfate, (<20%), 10% of the ammonium portion is reportable as ammonium per 40 CFR 372.65.

State regulations: Contains trace amounts of a chemical or chemicals known to cause cancer in the State of California

International regulations: None

Section 15 notes: None

SECTION 16: OTHER INFORMATION

16.1. Other information: None

Disclaimer: The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.