



**SPREADER**  
POWERAG™

## SAFETY DATA SHEET

according to Federal Register Vol. 77, No. 58  
Monday, March 26, 2012  
Rules and Regulations

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

#### 1.1. Product identifier

**Product form:** Mixture

**Product name:** Spreader820

**Product code:** 80257

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

PowerAG

2213 Leabrook Road, Lancaster PA 17601

1-800-842-2578 powerag.com

#### 1.4. Emergency telephone number

**Emergency number:** 1-800-424-9300 ChemTrec

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

GHS-US classification

**Skin corrosion/irritation :** Category 2

**Eye damage/irritation:** Category 2B

Signal word: WARNING



#### 2.2. Label elements

GHS-US labeling

##### Hazard statements (GHS-US):

**H315:** Causes skin irritation.

**H320:** Causes eye irritation.

##### Precautionary statements (GHS-US):

**P261:** Avoid breathing dust, fumes, gas, mist, vapor, or spray.

**P264 + P265:** Wash hands thoroughly after handling—do not touch eyes.

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

**P301 + P312:** IF SWALLOWED, call a POISON CENTER or doctor if you feel unwell.

**P302 + P352:** IF ON SKIN, wash with plenty of soap and water.

**P305 + P351 + P338:** IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, and continue to rinse cautiously.

**P321:** Specific treatment, see label.

**P337 + P317:** If eye irritation persists, get medical help.

**P332 + P317:** If skin irritation occurs, get medical help.

**P362 + P364:** Take off contaminated clothing and wash it before reuse.

**P403 + P233:** Store in well-ventilated place—keep container tightly closed.

**P501:** Dispose of container in accordance with local regulations.

#### 2.3. Other hazards

No additional information available.

#### 2.4. Unknown acute toxicity (GHS-US)

No data available.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance

Not applicable.

#### 3.2. Mixture

Name	Product identifier	%
Polyhydric alcohol, nonionic surfactant blend	Proprietary	80
Constituents ineffective as adjuvant	Proprietary	20

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

**First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:** Assure fresh air breathing. Allow the victim to rest.

**First-aid measures after skin contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**First-aid measures after eye contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, or redness persist.

**First-aid measures after ingestion:** Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**

**Symptoms/injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

**Suitable extinguishing media:** Foam, dry powder, carbon dioxide, water spray, or sand.

**Unsuitable extinguishing media:** Do not use a heavy water stream.

**5.2. Special hazards arising from the substance or mixture**

**Fire hazard:** None known.

**Explosion hazard:** None known.

**5.3. Advice for firefighters**

**Firefighting instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

**General measures:** Avoid breathing mists. Absorb and sweep up spills immediately and transfer to suitable containers for possible land application according to label use or disposal. Check local, state, and federal regulations for proper disposal.

**6.1.1. For non-emergency personnel**

**Emergency procedures:** Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

**Protective equipment:** Equip cleanup crew with proper protection.

**Emergency procedures:** Ventilate area.

**6.2. Environmental precautions**

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

**6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

**Additional hazards when processed:** Avoid contact with eyes. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid prolonged or repeated skin contact. Wash hands thoroughly after using this product and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**7.2. Conditions for safe storage, including any incompatibilities**

**Technical measures:** Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry, well-ventilated area, preferably in a locked storage area away from children, feed, food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed with disposal.

**7.3. Specific end use(s)**

No additional information available.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

No additional information available.

**8.2. Exposure controls**

**Personal protective equipment:** Avoid all unnecessary exposure.

**Hand protection:** Wear protective gloves.

**Eye protection:** Chemical goggles or safety glasses.

**Respiratory protection:** Wear appropriate mask.

**Other information:** Do not eat, drink, or smoke during use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

**Physical state:** Liquid

**Color:** Light amber to brown

**Odor:** Characteristic odor

**Odor threshold:** No data available.

**pH:** 4.5–6.5

**Relative evaporation rate (butylacetate=1):** No data available.

**Melting point:** No data available.

**Freezing point:** < 0 °C

**Boiling point:** > 100 °C

**Flash point:** > 120 °C

**Self ignition temperature:** No data available.

**Decomposition temperature:** No data available.

**Flammability (solid, gas):** No data available.

**Vapor pressure:** No data available.

**Relative vapor density at 20 °C:** No data available.

**Relative density:** No data available.

**Density:** 1.19 g/ml

**Solubility:** Soluble in water.

**Log Pow:** No data available.

**Log Kow:** No data available.

**Viscosity, kinematic:** No data available.

**Viscosity, dynamic:** No data available.

**Explosive properties:** No data available.

**Oxidizing properties:** No data available.

**Explosive limits:** No data available.

**9.2. Other information**

**VOC content:** No data available.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No additional information available.

**10.2. Chemical stability**

Not established.

**10.3. Possibility of hazardous reactions**

Not established.

**10.4. Conditions to avoid**

Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**

Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

Fumes. Carbon monoxide. Carbon dioxide.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

**Acute toxicity:** Not classified.

**Skin corrosion/irritation:** Not classified.

**Serious eye damage/irritation:** Not classified.

**Respiratory or skin sensitization:** Not classified.

**Germ cell mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Reproductive toxicity:** Not classified.

**Specific target organ toxicity (single exposure):** Not classified.

**Specific target organ toxicity (repeated exposure):** Not classified.

**Aspiration hazard:** Not classified.

**Potential adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

**SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

**Ecology - water:** Not established.

**12.2. Persistence and degradability**

Spreader820

**Persistence and degradability:** Not established.

**12.3. Bioaccumulative potential**

Spreader820

**Bioaccumulative potential:** Not established.

**12.4. Mobility in soil**

No additional information available.

**12.5. Other adverse effects**

**Other information:** Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

**Waste disposal recommendations:** Dispose in a safe manner in accordance with local/national regulations.

**Additional information:** Handle empty containers with care.

**Ecology—waste materials:** Avoid release to the environment.

**SECTION 14: TRANSPORT INFORMATION**

In accordance with DOT.

**No dangerous goods in sense of transport regulations.**

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

**Additional information:**

**Other information:** No supplementary information available.

**ADR:** Transport document description.

**Transport by sea:** No additional information available.

**Air transport:** No additional information available.

**SECTION 15: REGULATORY INFORMATION****15.1. US Federal regulations**

None

**15.2. International regulations**

**CANADA:** No additional information available.

**EU-Regulations:** No additional information available.

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

**Classification according to Directive 67/548/EEC or 1999/45/EC:** Not classified.

**15.2.2. National regulations**

No additional information available.

**15.3. US State regulations**

No additional information available.

**SECTION 16: OTHER INFORMATION**

**Other information:** None

Full text of H-phrases: see section 16:

**HMIS III Rating**

**Health:** 1 Slight Hazard—irritation or minor reversible injury possible.

**Flammability:** 0 Minimal Hazard.

**Physical:** 0 Minimal Hazard.

**Personal Protection:** C

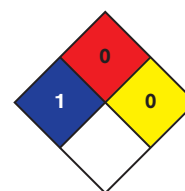
SDS US (GHS HazCom 2012)

**NFPA health hazard:** 1—Exposure could cause irritation but only minor residual of the product if no treatment is given.

**NFPA fire hazard:** 0—Materials that will not burn.

**NFPA reactivity:** 0—Normally stable, even under fire exposure conditions, and are not reactive with water.

**NFPA specific hazard:** None



*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*