

# SAFETY DATA SHEET

PS 804 SELECT

MSDS DATE: 05/23/14

SUPERSEDES: NONE

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PS 804 SELECT

**DISTRIBUTOR:** Prime Source  
**ADDRESS:** 4609 East Booneville-New Harmony Road Evansville, Indiana 47725

**EMERGENCY CHEMTREC PHONE:** US: 1-800-424-9300 International: 1-202-483-7616

**CHEMICAL NAME:** Proprietary mixture  
**CHEMICAL FAMILY:** Acidifying surfactant  
**CHEMICAL FORMULA:** Mixture

**PRODUCT USE:** Surfactant adjuvant

**SECTION 1 NOTES:** None

## SECTION 2: HAZARDOUS INGREDIENTS

### GHS Ratings:

Flammable liquid	Acute dermal toxicity	Acute Tox 4	Dermal >1000+2000mg/kg
Corrosive to metals	4	Flash point $\geq 60^{\circ}\text{C}$ (140°F) and $\leq 93^{\circ}\text{C}$ (200°F)	
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**Signal Word: WARNING**

### GHS Hazards

H227 Combustible liquid  
H290 May be corrosive to metals  
H302 Harmful if swallowed  
H303 May be harmful if swallowed  
H311 Toxic in contact with skin  
H314 Causes severe skin burns and eye damage  
H315 Causes skin irritation  
H318 Causes serious eye damage  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness  
H373 May cause damage to organs through prolonged or repeated exposure

### GHS Precautions

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P233 Keep container tightly closed  
P234 Keep only in original container  
P235 Keep cool  
P240 Ground/bond container and receiving equipment  
P241 Use explosion-proof electrical/ventilating/light/equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 Wash hands thoroughly after handling  
P270 Do not eat, drink or smoke when using this product  
P271 Use only outdoors or in a well-ventilated area  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P310 Immediately call a POISON CENTER or doctor/physician

## SECTION 3: HAZARDS IDENTIFICATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Propionic Acid	79-09-4	30 – 50%
Lecithin	8002-43-5	10 - 20%
Fatty Acid	61790-12-3	5 - 10%
Proprietary	Proprietary	1 - 5%
Proprietary	Proprietary	30 - 40%

**NOTE:** Product does NOT contain any pesticides or pest control agents

**SECTION 3 NOTES:** These specific chemical identity and /or exact percentage (concentration) of composition has been withheld as a trade secret.

### CARCINOGENICITY

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

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## SECTION 4: FIRST AID MEASURES

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**EYE CONTACT-** IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**SKIN CONTACT** - IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**INGESTION** - IF SWALLOWED: Have person sip a glass of water if able to swallow. **Do not induce vomiting** unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**INHALATION** - IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

### NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

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## SECTION 5: FIRE-FIGHTING MEASURES

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### NFPA HAZARD CLASSIFICATION

HEALTH: 3      FLAMMABILITY: 2      REACTIVITY: 0      OTHER: -

**IN CASE OF FIRE:** Use Foam, Dry Chemical, CO2, Water Spray to extinguish.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** May be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Containers may explode in heat of fire.

**HAZARDOUS DECOMPOSITION PRODUCTS:** During combustion, oxides of carbon

SECTION 5 NOTES: None

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Surround and absorb all spills. Disposed in proper manner. Avoid discharge to natural waters as concentrated material is highly toxic to fish. Wear suitable protective equipment.

SECTION 6 NOTES: None

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## SECTION 7: HANDLING AND STORAGE

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**PRECAUTIONS** Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces- NO SMOKING. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/light/equipment. Use only non-sparking tools Take precautionary measures against static discharge

**HANDLING AND STORAGE:** Wear protective gloves/protective clothing/eye protection/face protection. 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. For optimal storage, store between 40° and 90° F.

SECTION 7 NOTES: None

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA		ACGIH		NIOSH	
	PEL	STEL	PEL	STEL	PEL	STEL
Propionic Acid 79-09-4			10 ppm TWA		10 ppm TWA 30 mg/m <sup>3</sup>	15 ppm TWA 45 mg/m <sup>3</sup>

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

**RESPIRATORY PROTECTION:** Wear a NIOSH/OSHA approved respirator, approved for use with propionic acid, if necessary.

**EYE PROTECTION:** Chemical goggles and face shield

**SKIN PROTECTION:** Impervious gloves, long-sleeved shirts and pants.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eye wash and safety shower

**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.

**EXPOSURE GUIDELINES:** If exposed, see section 4 for acute exposure first aid.

**SECTION 8 NOTES:** None

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Amber to dark brown	(% BY VOLUME)	<b>LOWER:</b> Unknown
<b>ODOR:</b>	Strong, vinegar-like	<b>VAPOR PRESSURE (mmHg):</b>	@
<b>ORDER THRESHOLD:</b>	Not known		F: Unknown C: Unknown
<b>PHYSICAL STATE:</b>	Liquid	<b>VAPOR DENSITY (AIR = 1):</b>	@
<b>pH AS SUPPLIED:</b>	Not applicable		F: Unknown C: Unknown
<b>pH (Other):</b>	Acidic	<b>RELATIVE DENSITY:</b>	Unknown
<b>INITIAL BOILING POINT:</b>	F: Unknown C: Unknown	<b>EVAPORATION RATE:</b>	Unknown
<b>BOILING POINT RANGE:</b>	F: Unknown C: 140 to 200	<b>BASIS (butyl acetate=1):</b>	
<b>MELTING POINT:</b>	F: Unknown C: Unknown	<b>SOLUBILITY IN WATER:</b>	Dispersible
<b>FREEZING POINT:</b>	F: Unknown C: Unknown	<b>PARTITION COEFFICIENT: n-octanol/water):</b>	Unknown
<b>FLASH POINT:</b>	F: 147 C: 64	<b>AUTO-IGNITION TEMPERATURE:</b>	Unknown
<b>FLAMMABILITY (solid, gas):</b>		<b>DECOMPOSITION TEMPERATURE:</b>	Unknown
<b>FLAMMABLE LIMITS IN AIR, UPPER:</b>	Unknown	<b>VISCOSITY:</b>	@ F: Unknown C: Unknown

### SECTION 9 NOTES: Value 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.

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY:      Stable       Unstable

CONDITIONS TO AVOID (STABILITY):      None known

INCOMPATIBILITY (MATERIAL TO AVOID):      Strong oxidizing agents. Can react with metals, strong bases and amines.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:      During combustion, oxides of carbon

HAZARDOUS POLYMERIZATION:      Will not occur

CONDITIONS TO AVOID (POLYMERIZATION):      None known

SECTION 10 NOTES:      None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION:      Not available

### MIXTURE TOXICITY

Dermal Toxicity: 1,353.00mg/kg

Oral Toxicity: 3,158.00mg/kg

### COMPONENT TOXICITY

Propionic Acid

Lecithin

Proprietary

Fatty acids

Proprietary

- Oral Toxicity: 2,001.00 mg/kg (Rat)

SECTION 11 NOTES:      None

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION:      Not available

ECOTOXICITY:      Not available

BIOACCUMULATIVE POTENTIAL:      Not available

MOBILITY IN SOIL:      Not available

OTHER ADVERSE EFFECTS:      Not available

SECTION 12 NOTES:      None

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD:      Do not contaminate water, food or feed by storage or disposal. Dispose of contents / 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

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## SECTION 14: TRANSPORT INFORMATION

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METHOD USED: PMCC

### U.S. DEPARTMENT OF TRANSPORTATION

**DOT Shipping Description:** NOT REGULATED WHEN TRANSPORTED BY MOTOR VEHICLE OR RAILCAR IN PACKAGING THAT WILL NOT REACT WITH OR BE DEGRADED BY THIS MATERIAL SUCH AS HDPE OR STAINLESS STEEL - 49 CFR 173.154 (d).

**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

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Mixture not listed

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not regulated

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS:** **WARNING!** This product contains a detectable amount of ethylene oxide, which is known to the state of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29) CFR 1910.1047).

**INTERNATIONAL REGULATIONS:** None

SECTION 15 NOTES: None

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION: None

PREPARATION INFORMATION: Prepared on 05/22/14

### 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.

### Prime Source

4609 East Booneville-New Harmony Road  
Evansville, Indiana 47725