

PS 804 SELECT™

SAFETY DATA SHEET

SDS DATE: 8/10/2014

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PS 804 SELECT

DISTRIBUTOR: Albaugh, LLC
ADDRESS: 1525 NE 36th Street; Ankeny, IA 50021

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

GHS Ratings:

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

PRODUCT USE: Surfactant adjuvant

SECTION 1 NOTES: None

SECTION 2: HAZARDOUS INGREDIENTS

Toxicity Categories

Eye corrosion / irritation

Category 1

Flammable liquid

Category 4



Signal Word: DANGER

GHS HAZARDS

H227 Combustible liquid.

H318 Causes serious eye damage.

Slippery hazard when wet

GHS PRECAUTIONS

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.

P233 Keep container tightly closed.

P234 Keep only in original container.

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.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

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

P304+340 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

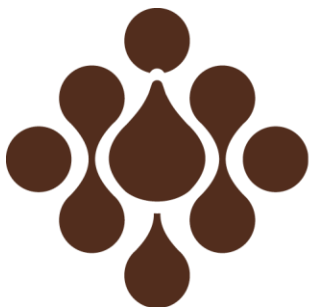
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do then continue rinsing cautiously.

P337+313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash it before reuse.

P403+235 Store in a well-ventilated place. Keep cool.



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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

SECTION 4: FIRST AID MEASURES

EYE CONTACT - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment. If eye irritation persists: Get medical advice/attention.

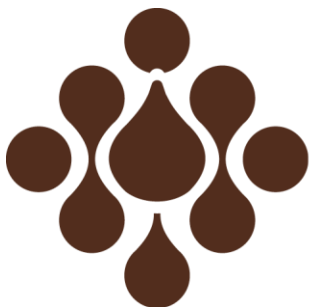
SKIN CONTACT - IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. If skin irritation occurs: Get medical advice or attention.

INGESTION - IF SWALLOWED: 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. Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice. **DO NOT INDUCE VOMITING**

INHALATION - 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. Call a POISON CENTER or doctor/physician if you feel unwell.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None



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SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

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

IN CASE OF FIRE: Use Foam, Dry Chemical, CO2, Water Spray to extinguish. Keep away from heat/sparks/open flames/hot surfaces- NO SMOKING

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Surround and absorb all spills to prevent material damage. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Spilled material should be absorbed onto an inert material and scooped up. Flush spill area with water thoroughly until slipperiness is gone. Soak up spill with a suitable absorbent. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 6 NOTES: Any amount, even very small amounts, of product combined with water is an extreme slip hazard. Do not add water until absorbent material has been applied to spills.

SECTION 7: HANDLING AND STORAGE

HANDLING 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. Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE: 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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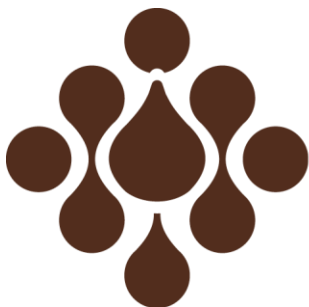
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA		ACGIH		NIOSH	
	PEL	STEL	PEL	STEL	PEL	STEL
Propionic Acid 79-09-4	10 ppm / 8hr	15 ppm / 15min				

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:	Chemical gloves, long-sleeved shirts and pants.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Eye wash and safety shower should be easily accessible
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

APPEARANCE:	Amber to dark brown	FLAMMABLE LIMITS IN AIR, UPPER:	Unknown
ODOR:	Strong, vinegar-like	(% BY VOLUME) LOWER:	Unknown
ORDER THRESHOLD:	Not known	VAPOR PRESSURE (mmHg):	@ Unknown F: Unknown C: Unknown
PHYSICAL STATE:	Liquid	VAPOR DENSITY (AIR = 1):	@ Unknown F: Unknown C: Unknown
pH AS SUPPLIED:	Not applicable	RELATIVE DENSITY:	0.989 to 1.027
pH (Other):	Acidic	EVAPORATION RATE:	Unknown
INITIAL BOILING POINT:	F: Unknown C: Unknown	BASIS (butyl acetate=1):	
BOILING POINT RANGE:	F: Unknown C: Unknown	SOLUBILITY IN WATER:	Dispersible
MELTING POINT:	F: Unknown C: Unknown	PARTITION COEFFICIENT: n-octanol/water):	Unknown
FREEZING POINT:	F: Unknown C: Unknown	AUTO-IGNITION TEMPERATURE:	Unknown
FLASH POINT:	F: 147 C: 64	DECOMPOSITION TEMPERATURE:	Unknown
METHOD USED:	PMCC	VISCOSITY:	@ Unknown F: Unknown C: Unknown
FLAMMABILITY (solid, gas):	Not applicable	CORROSIVITY:	Not corrosive to metal by ASTM G31-72



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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

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

SECTION 11: TOXICOLOGICAL INFORMATION

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

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available

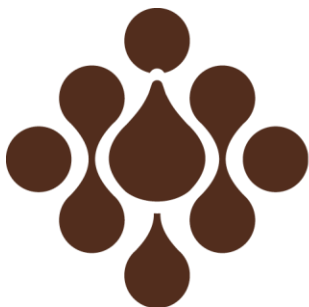
ECOTOXICITY: Not available

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

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

SECTION 14: TRANSPORT INFORMATION

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

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): Not Regulated

311/312 HAZARD CATEGORIES: None

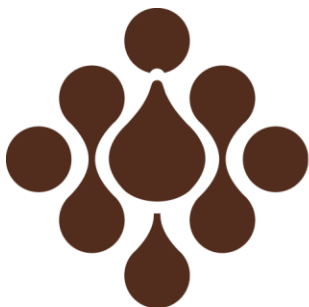
313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: California proposition 65: 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

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.

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