

# SAFETY DATA SHEET

## FCS LIQUID STARCH

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

**DATE:** 03/11/2015 / **Supersedes Revision:** n/a

**Manufacturer:**

PDQ Manufacturing, Inc.  
201 Victory Circle  
Ellijay, GA USA 30540  
Phone: (706) 636-1848  
Website: www.pdqonline.com

**Distributor:**

FABRICLEAN SUPPLY  
8301 AMBASSADOR ROW  
DALLAS, TX 75247  
770/981-2800

**EMERGENCY CONTACT:** Chemtrec, Reference CCN203605  
Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

**Product Name:** FCS LIQUID STARCH

**ID Code:** 4827

**Product Category:** Laundry Additive

### SECTION 2: HAZARD(S) IDENTIFICATION

**GHS Signal Word:** None

**GHS Hazard Phrases:**

None

**GHS Precaution Phrases:**

None

**GHS Response Phrases:**

None

**GHS Storage and Disposal Phrases:**

None

**Hazard Rating System:**

**HMIS**

**Health:** 1

**Flammability:** 0

**Physical:** 0

**PPE:** A

**Potential Health Effects (Acute and Chronic):** Chronic: None.

**Inhalation:** May cause respiratory tract irritation. Low hazard for normal industrial handling.

**Skin Contact:** May cause mild skin irritation. Low hazard for usual industrial handling.

**Eye Contact:** May cause eye irritation.

**Ingestion:** Low hazard for usual industrial handling.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
9005-25-8	Starch	1.0 -5.0 %
25067-01-0	Vinyl acrylic polymer {2-Propenoic acid, butyl ester, polymer withethenyl acetate}	5.0 -10.0 %

### SECTION 4: FIRST-AID MEASURES

**Emergency and First Aid Procedures:**

**In Case of Inhalation:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If necessary, remove from exposure and move to fresh air immediately.

**In Case of Skin Contact:** Flush skin with plenty of soap and water.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.

**In Case of Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur.

**Note to Physician:** None known.

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### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:** NA

**Suitable Extinguishing Media:** For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

Dusts at sufficient concentrations can form explosive mixtures with air.

**Flammable Properties and Hazards:**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Sweep up, then place into a suitable container for disposal.

### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Avoid contact with skin and eyes. Avoid ingestion.

**Precautions To Be Taken in Storing:** Store in a cool, dry, well-ventilated area away from incompatible substances.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9005-25-8	Starch	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3	
25067-01-0	Vinyl acrylic polymer {2-Propenoic acid, butyl ester, polymer withethenyl acetate}			

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required.

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Protective garments not normally required.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** There are no special ventilation requirements

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:**  Gas  Liquid  Solid

**Appearance and Odor:** Opaque white liquid. Mild odor.

**Melting Point:** NA

**Boiling Point:** 100.00 C

**Autoignition Pt:** NA

**Flash Pt:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Specific Gravity (Water = 1):** 1.015

**Vapor Pressure (vs. Air or mm Hg):**

**Vapor Density (vs. Air = 1):**

**Evaporation Rate:**

**Solubility in Water:** Complete

**Viscosity:** Thin

**pH:** 4-6

**Percent Volatile:**

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability:** High temperatures.

**Incompatibility – Materials To Avoid:** Oxidizing agents, Bases.

**Hazardous Decomposition Or Byproducts:** Carbon monoxide..

**Possibility of Hazardous Reactions:** Will occur  Will not occur

**Conditions To Avoid -Hazardous Reactions:**

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No data available. Teratogenicity: No data available. Reproductive Effects:

Mutagenicity: Neurotoxicity: Other Studies:

**Carcinogenicity/Other Information:** CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 9005-25-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
9005-25-8	Starch	n.a.	n.a.	A4	n.a.
25067-01-0	Vinyl acrylic polymer {2-Propenoic acid, butyl ester, polymer withethenyl acetate}	n.a.	n.a.	n.a.	n.a.

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### SECTION 12: ECOLOGICAL INFORMATION

**General Ecological Information:** Environmental: No information reported. Physical: No information available.  
Other: No information available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
RCRA P-Series: None listed. RCRA U-Series: None listed.

### SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

**LAND TRANSPORT (US DOT): DOT Proper Shipping Name:** Not regulated.

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:**

### SECTION 15: REGULATORY INFORMATION

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

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
9005-25-8	Starch	No	No	No
25067-01-0	Vinyl acrylic polymer {2-Propenoic acid, butyl ester, polymer withethenyl acetate}	No	No	No

CAS #	Hazardous Components (Chemical Name)
9005-25-8	Starch

25067-01-0	Vinyl acrylic polymer {2-Propenoic acid, butyl ester, polymer withethenyl acetate}
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**Other US EPA or State Lists**

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No  
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 03/11/2015

**Preparer Name:** Regulatory Affairs

**Additional Information About This Product:**

**Company Policy or Disclaimer:** The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.