



PowderFloc 595AP

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Revision Date: 12/16/2020

Date of Issue: 12/16/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: PowderFloc 595AP

1.2. Intended Use of the Product

Processing aid for industrial applications

1.3. Name, Address, and Telephone of the Responsible Party

Company

Chemstream, Inc.

511 Railroad Ave.

Homer City, PA 15748

(724) 915 - 8388

www.chemstream.com

1.4. Emergency Telephone Number

Emergency Number : Call CHEMTREC Day or Night 1 (800) 4

1.4. Emergency Telephone Number

Emergency Number : Call CHEMTREC Day or Night 1 (800) 424 - 9300 / +1 (703) 527 – 3887

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification Not classified

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US): None

Signal Word (GHS-US): None

Hazard Statements (GHS-US): None

Precautionary Statements (GHS-US): None

2.3 Other Hazards Aqueous solutions or powders that become wet render surfaces extremely slippery.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Hazardous Ingredient(s)	% wt.*	CAS No.	Hazard classification
Contains no reportable hazardous substances			

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below: None

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: Move to fresh air. No hazards which require special first aid measures.

First-aid Measures After Skin Contact: Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

First-aid Measures After Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. In case of persistent eye irritation, consult a physician.

First-aid Measures After Ingestion: Rinse mouth with water. Do NOT induce vomiting. Get medical attention if symptoms occur.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Powder can cause localized skin irritation on folds of the skin or under tight clothing. Moderate eye irritation due to effects all powders have on conjunctivae.

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4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

None.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water, Water spray or foam. Carbon dioxide (CO₂). Dry powder

Unsuitable Extinguishing Media: Warning! Aqueous solutions or powders that become wet render surfaces extremely slippery.

5.2. Special Hazards Arising From the Substance or Mixture

Oxidizing agents may cause exothermic reactions. Aqueous solutions or powders that become wet render surfaces extremely slippery

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

Firefighting Instructions: Aqueous solutions or powders that become wet render surfaces extremely slippery.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Thermal decomposition may produce: nitrogen oxides (NO_x), carbon oxides (CO_x). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures Aqueous solutions or powders that become wet render surfaces extremely slippery.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

Emergency Procedures: Keep people away from spill/leak. Prevent further leakage or spillage if safe to do so.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

As with all chemical products, do not flush into surface water.

6.3. Methods and Materials for Containment and Cleaning Up

Small spills:

Do not flush with water. Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal.

Large spills:

Do not flush with water. Clean up promptly by sweeping or vacuum. Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water. Sweep up to prevent slip hazard. After cleaning, flush away traces with water. If slipperiness remains apply more dry sweeping compound.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed:

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid dust formation. Avoid breathing dust. Wash hands before breaks and at the end of workday. Aqueous solutions or powders that become wet render surfaces extremely slippery. Use personal protective equipment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep in a dry place. Keep container closed when not in use. Incompatible with strong bases and oxidizing agents.

7.3. Specific End Use(s)

Processing aid for industrial applications

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None listed	—	—	----	-----	—	-----

Recommended monitoring method

8.2. Exposure Controls

Appropriate Engineering Controls: Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: PVC or other plastic material gloves.

Eye Protection: Wear protective eyewear (goggles, face shield, or safety glasses with side-shields. Do not wear contact lenses where this product is used.

Skin and Body Work clothes protecting arms, legs and body.

Respiratory Protection: Dust safety masks recommended where working powder concentration is more than 10 mg/m³

Other Information: Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice

Environmental Exposure Controls: Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Granular solid
Appearance	: Granular solid, White /off-white
Odor	: None
Odor Threshold	: Not available
pH	: 5-9 (5 g/L)
Evaporation Rate	: Similar to water
Melting Point	: >150 °C
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not applicable
Auto-ignition Temperature	: Not available
Decomposition Temperature	: >150 °C
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Similar to water
Relative Vapor Density at 20°C	: Similar to water
Relative Density	: 0.6-0.9
Specific Gravity	: Not available
Solubility	: Water: Miscible
Partition Coefficient: N-Octanol/Water	: -2

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Viscosity : See technical bulletin

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Stable under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Oxidizing agents may cause exothermic reactions. Contact with strong bases liberates ammonia.
- 10.4. Conditions to Avoid:** Avoid moisture.
- 10.5. Incompatible Materials:** Incompatible with strong bases and oxidizing agents.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce: nitrogen oxides (NOx), carbon oxides (COx), Ammonia. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

LD50 Oral Rat	LD50 >5.000 mg/kg
LD50 Dermal Rat	LD50 >5.000 mg/kg

Irritation / Corrosivity Not irritating
Sensitisation It is not a skin sensitizer.
Repeated dose toxicity Not to be expected.
Carcinogenicity Not carcinogenic

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity Negative
Toxicity for reproduction Not to be expected
Reproductive toxicity Not to be expected
Other Information: None known

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Short term LC50/Danio rerio/96h > 100 mg/L (OECD 203)
EC50/Daphnia Magna/48h >100 mg/L (OECD202)

Persistence and degradability Not readily biodegradable
Bioaccumulative potential The product has no potential for bioaccumulation.
Mobility in soil Not available
Results of PBT and vPvB assessment Not classified as PBT or vPvB.
Other adverse effects Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose in accordance with local and national regulations. Can be landfilled or incinerated, when in compliance with local regulations.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

U.S. DOT **Sea transport (IMDG)** **Air transport (ICAO/IATA)**

UN number Not classified

Proper Shipping Name

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Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for user

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories: None

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

NFPA and HMIS Ratings:

NFPA:

Health: 0

Flammability: 0

Instability: 0

HMIS:

Health: 0

Flammability: 0

Physical Hazard: 0

PPE Code: B

This SDS was prepared in accordance with the following:

U.S. Code of Federal Regulations 29 CFR 1910.1200

The following sections contain revisions or new statements: 1-16.

Date of preparation: December 16, 2020

Training advice: None.

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