

■ SIGNAL WORD: WARNING **H335** May cause respiratory irritation.

SECTION 1: IDENTIFICATION

Product Name	B80 Bleaching Clay
CAS Number	8031-18-3
Synonyms	Pure-Flo® B80; Fuller's Earth (Attapulgite-type); Natural Bentonite Clay; Bleaching Earth; Decolorizing Clay; Attapulgite Clay
Product Use	Bleaching and decolorizing adsorbent for edible oils, fats, and other organic liquids; color remediation filtration media
Supplier	Cannagas Supply 97 Turnpike Rd, Westborough, MA 01581
Phone	877-710-1965
Email	Sales@canna-gas.com
Emergency Phone	CHEMTREC: 1-800-424-9300 (24-hour)
SDS Revision Date	March 2026

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification	Specific Target Organ Toxicity – Single Exposure (STOT SE) – Category 3 (Respiratory tract irritation)
Signal Word	WARNING
Hazard Statements	H335: May cause respiratory irritation.
Precautionary – Prevention	P261: Avoid breathing dust. P271: Use only outdoors or in a well-ventilated area.
Precautionary – Response	P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. If symptoms persist, seek medical attention.
Precautionary – Storage	Store in a dry area away from moisture and incompatible materials.
Precautionary – Disposal	P501: Dispose of contents/container per local/regional/national regulations.
HMIS® Ratings	Health: 0 Flammability: 0 Physical Hazard: 0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration	EC Number
Fuller's Earth (Attapulgite-type clay)	8031-18-3	100% (w/w)	232-525-4

Pure-Flo® B80 is natural bentonite clay (Fuller's Earth, Attapulgite-type) in its most natural state. CAS 8031-18-3. Particle size: 1–140 µm. pH ≈ 7.2 (neutral). No mineral acid treatment. FDA GRAS-approved for food processing use (not for direct consumption). Note: May contain trace levels of quartz (crystalline silica) — see Section 15 for Prop. 65 information.

SECTION 4: FIRST-AID MEASURES

Inhalation	Move to fresh air. If irritation or breathing difficulty occurs, seek medical attention.
Skin Contact	No first aid required under normal conditions. Wash skin with soap and water after handling.
Eye Contact	Flush immediately with cool running water for at least 15 minutes, lifting upper and lower eyelids. If irritation persists or foreign body present, seek medical attention.
Ingestion	If a large amount of unused material is swallowed, seek immediate medical attention. If used (spent) material is ingested, seek medical attention due to possibility of chemical contamination.

Key Symptoms	Respiratory tract irritation from dust inhalation. Mechanical eye irritation. No systemic toxicity expected.
Medical Note	Treat symptomatically. Inform medical personnel of substance involved.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water, dry powder/sand, alcohol-resistant foam, dry chemical, or CO ₂ . Use media appropriate for surrounding fire. Unused product is not combustible.
Unsuitable Extinguishing Media	No restrictions known.
Specific Hazards	Unused product is not flammable or combustible. CRITICAL HAZARD: Spent bleaching clay (used with unsaturated vegetable oils, fish oil, or unsaturated organic compounds) is subject to SPONTANEOUS COMBUSTION. See Section 7 and Section 13 for handling requirements.
Protective Equipment	Self-contained breathing apparatus (SCBA) and full protective clothing for fires in confined spaces or involving chemicals.
Additional Guidance	For fires involving spent clay: do not use strong water jets (may disperse burning material). Use water spray to cool. Firefighters must wear SCBA and full protective gear.
Flash Point	Not applicable (solid)
Flammable Limits	Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear dust mask/respirator and safety goggles. Avoid generating dust.
Environmental Precautions	Prevent material from entering drains, sewers, or waterways. Report significant releases per local regulations.
Containment & Cleanup	Sweep up or vacuum and collect unused material for reuse or disposal. For dusty conditions, use approved respirator. Do not allow material to enter drains or waterways.
Waste Disposal	Dispose in accordance with Section 13 and all applicable regulations.

SECTION 7: HANDLING AND STORAGE

Safe Handling	Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after use. Use only with adequate ventilation. Minimize dust generation and accumulation — keep surfaces including overhead piping, ceilings, and ductwork free from settled dust. Dry powders can build static electricity charges during transfer and mixing operations — use grounding precautions. CRITICAL: When using with unsaturated oils/fats (vegetable oil, fish oil, turpentine) — spent material presents spontaneous combustion risk. See Section 13.
Safe Storage	Store in a dry area. Keep away from turpentine, hydrofluoric acid, vegetable oils, fish oils, and other unsaturated organic compounds — contact with these materials in spent form may generate heat and/or spontaneous combustion. Keep containers tightly sealed to prevent moisture absorption.
Incompatibles	Turpentine, hydrofluoric acid, vegetable oils (unsaturated), fish oil, other unsaturated organic compounds. Spent clay saturated with these materials presents spontaneous combustion risk.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Agency / Component	Type	Value
Fuller's Earth (OSHA PEL)	TWA (total dust)	15 mg/m ³
Fuller's Earth (OSHA PEL)	TWA (respirable)	5 mg/m ³
ACGIH (nuisance dust)	TWA (inhalable)	10 mg/m ³
ACGIH (nuisance dust)	TWA (respirable)	3 mg/m ³

Engineering Controls	Local exhaust ventilation where dust is generated. General ventilation adequate for normal use. Provide eyewash station.
Eye/Face Protection	Safety goggles or glasses with side shields where dust exposure is possible.
Hand Protection	No special gloves required for normal use. General purpose work gloves recommended for bulk handling.
Body Protection	Normal work clothing. Long sleeves recommended to minimize skin contact with dust.
Respiratory Protection	No respiratory protection required for normal low-dust operations. NIOSH-approved dust respirator when dust concentrations may be elevated.
Hygiene	Wash hands and exposed skin thoroughly after handling. Do not eat, drink, or smoke in work areas.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gray to tan powder, odorless	Vapor Pressure	Not applicable (solid)
Odor	Odorless	Vapor Density	Not applicable
pH	≈ 7.2 (neutral)	Solubility in Water	Insoluble
Particle Size	1–140 μm	LEL / UEL	Not applicable
Flash Point	Not applicable (non-combustible solid — unused)	Auto-ignition Temp.	Not available (unused product)
Flammability	Not flammable (unused). Spent material: see Section 7.	VOC Content	Not available
Relative Density	2.2	Molecular Formula	Complex aluminosilicate mineral (UVCB substance)

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Moisture, hydrofluoric acid, unsaturated organic compounds (in spent form). Avoid static charge buildup during transfer operations.
Incompatible Materials	Turpentine, hydrofluoric acid, vegetable oils (unsaturated), fish oil, other unsaturated organic compounds. Spent clay saturated with these materials presents spontaneous combustion risk.
Hazardous Decomp. Products	No hazardous decomposition products known from unused material. Spent material (saturated with oils) may self-heat and combust.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation (primary concern — dust), skin contact, eye contact, ingestion.
Acute Toxicity	No acute toxicity values available. Low acute toxicity expected for unused material.
Skin/Eye Effects	Dust causes mechanical eye irritation with possible injury. No known skin contact effects from unused material.
Respiratory Effects	May cause respiratory tract irritation from dust inhalation (GHS STOT SE Category 3, H335).
Carcinogenicity	No carcinogenicity listing for Fuller's Earth. Note: product may contain trace quartz — see Prop. 65 note in Section 15.
Chronic Effects	Inhalation of excessive concentrations of any dust may lead to lung irritation and/or injury over time.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available. No adverse environmental effects expected under normal use from unused material.
Persistence/Degradability	Fuller's Earth is a natural mineral — non-biodegradable. Chemically stable inorganic material.
Bioaccumulative Potential	Not bioaccumulative.
Mobility in Soil	Low mobility — insoluble mineral solid.
Other Adverse Effects	Do not allow spent bleaching clay to enter waterways — adsorbed organic contaminants may have environmental impact.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods	Unused material: suitable for disposal in licensed sanitary landfill per applicable regulations. Spent material (used to bleach oils/fats): subject to special handling to prevent spontaneous combustion. Landfill disposal of spent clay: dissipate heat by spreading out clay and/or spraying with water; cover with non-combustibles. Plant use: when purging filter cake before cleaning, avoid excessive air blowing — use nitrogen or limit air purging. Do NOT follow steam purging with air blowing. Dispose per all applicable local, state, and federal regulations.
Contaminated Packaging	Empty containers may retain product residue. Take to an approved waste handling site for recycling or disposal.
Waste Code	Determine in consultation with user, producer, and licensed waste disposal company per 40 CFR 261. Unused product is not considered a RCRA hazardous waste.

SECTION 14: TRANSPORT INFORMATION

	DOT (USA)	IATA (Air)	IMDG (Sea)
UN Number	Not regulated	Not regulated	Not regulated
Proper Ship. Name	Not regulated	Not regulated	Not regulated
Hazard Class	N/A	N/A	N/A
Packing Group	N/A	N/A	N/A
Marine Pollutant	No	N/A	No

Unused B80 is not regulated for transport by US DOT, IATA, or IMDG. Spent bleaching clay saturated with unsaturated oils may be classified differently — consult your carrier.

SECTION 15: REGULATORY INFORMATION

OSHA HazCom	Classified as hazardous per 29 CFR 1910.1200: STOT SE Category 3 (H335 — may cause respiratory irritation).
SARA 311/312	SARA 311/312: Chronic Health Hazard category.
SARA 313 (TRI)	Not regulated.
CERCLA	Not listed.
TSCA	Listed on TSCA Inventory (active). No Section 12(b) export notification required.
California Prop. 65	WARNING: This product contains quartz (a form of crystalline silica) known to the State of California to cause cancer. See www.P65Warnings.ca.gov .
State RTK	Check applicable state Right-to-Know lists. Crystalline silica (quartz trace component) may be listed in some states.
International	Listed on applicable international chemical inventories. Contact Cannagas Supply for details.

SECTION 16: OTHER INFORMATION

Issue Date	March 2026
Revision Date	March 2026
Version	1.0
Prepared By	Cannagas Supply
Key Sources	GHS Purple Book (Rev. 9); OSHA HazCom 2012; Oil-Dri Corporation of America SDS (Pure-Flo® B80, 2018); ACGIH TLVs; NIOSH Pocket Guide.
H-Phrase Text	H335: May cause respiratory irritation.

DISCLAIMER: The information in this Safety Data Sheet is believed to be accurate and represents the best information currently available to Cannagas Supply. This SDS is provided in good faith without warranty of any kind. Users are responsible for determining the suitability of this product for their specific application and for compliance with all applicable laws and regulations. This document is not a specification sheet.