

### SECTION 1 : Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product Identifier

Product form : SUBSTANCE  
 Physical state : SOLID  
 Substance name : GOODCHEAP  
 Product code : 1010-0 - 1010-4  
 Synonyms : ATTAPULGITE, PALYGORSKITE; ALUMINUM MAGNESIUM SILICATE, HYDRATED  
 Chemical family : INORGANIC SILICATE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : ADSORBENT, FILTER AID, FOOD OIL PURIFICATION

#### 1.3. Details of the supplier of the safety data sheet

GCF Filtration LLC.  
 10366 Roselle St Ste B  
 San Diego, Ca 92121  
 Ph#: (619) 913-2770 | (M-F): 9 AM - 9 PM PT  
 gcfiltration@gmail.com

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

### SECTION 2 : Hazards identification

#### 2.1. Classification of the substance or mixture

Classification (GHS-US)  
 Carc. 2 H351  
 Full text of H-phrases: see section 16

#### 2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning  
 Hazard statements (GHS-US) : H351 - Suspected of causing cancer  
 Precautionary statements (GHS-US) : P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P201 - Obtain special instructions before use  
 P202 - Do not handle until all safety precautions have been read and understood  
 P308+P313 - If exposed or concerned: Get medical advice/attention  
 P405 - Store locked up  
 P501 - Dispose of contents/container to licensed waste disposal facility

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No data available

### SECTION 3 : Composition/information on ingredients

#### 3.1. Substance

Substance type : Multi-constituent  
 Name : GoodCheap  
 CAS No : 12174-11-7

Name	Product Identifier	%
Attapulгите	CAS-No.: 12174-11-7	95 - 100
Sulphuric Acid	CAS-No.: 7664-93-9	0 - 5
Silica, crystalline (quartz)	CAS-No.: 14808-60-7	0 - 1

### 3.2. Mixture

Not applicable

## SECTION 4 : First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Wash with plenty of soap and water.
- First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
- First-aid measures after ingestion : Never give anything by mouth to an unconscious person. Get medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause irritation to the respiratory tract. Aggravates pre-existing pulmonary conditions such as asthma and chronic lung disease. Respirable fractions of quartz in this product are no more than 1% and the crystalline fraction is much smaller.
- Symptoms/injuries after skin contact : May cause skin irritation.
- Symptoms/injuries after eye contact : May cause eye irritation.
- Symptoms/injuries after ingestion : May be harmful if swallowed. Consumption may lead to blockage of gastro-intestinal tract.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5 : Fire -fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

No additional information available

### 5.2. Specific hazards arising from the chemical

Fire hazard : None known

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Avoid contact with skin and eyes. Do not breathe dust.

## SECTION 6 : Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear protective equipment as described in Section 8.
- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

No additional information available



### 6.3. Methods and material for containment

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers.  
 Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7 : Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe dust. Avoid dust formation. Provide local exhaust or general room ventilation to minimize exposure to dust.  
 Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store locked up.  
 Incompatible materials : Contact with turpentine, vegetable oils or other unsaturated organic compounds may generate heat.  
 Storage area : Store in a well-ventilated place. Store away from heat.

## SECTION 8 : Exposure controls/personal protection

### 8.1. Control Parameters

Name	CAS-No.	ACGIH	OSHA
Attapulgit	12174-11-7	-	5 mg/m <sup>3</sup>
Sulfuric Acid	7664-93-9	0.2 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>
Silica, crystalline (quartz)	14808-60-7	0.025 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>

### 8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation.  
 Personal protective equipment : Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.  
 Hand protection : Neoprene or nitrile rubber gloves.  
 Eye protection : Chemical goggles. Contact lenses should not be worn.  
 Skin and body protection : Wear suitable protective clothing.  
 Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified dust and mist (orange) respirator.

## SECTION 9 : Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid  
 Appearance : Powder.  
 Color : Tan to gray.  
 Odor : No data available  
 Odor threshold : No data available  
 Refractive index : 1.57  
 pH : 2 - 3  
 Relative evap. rate (butyl acetate=1) : No data available  
 Melting point : > 900 °C decomposes  
 Freezing point : No data available  
 Boiling point : No data available

Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: < 0.01 mm Hg @ 20°C
Relative vapor density at 20 °C	: No data available
Relative density	: 2.2 - 2.6
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

### 9.2. Reactivity

No additional information available

## SECTION 10 : Stability and reactivity

### 10.1. Reactivity

No additional information available.

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactons

No additional information available.

### 10.4. Conditions to avoid

None known

### 10.5. Incompatible materials

Contact with turpentine, vegetable oils or other unsaturated organic compounds may generate heat

### 10.6. Hazardous decomposition products

None known

## SECTION 11 : Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.

IARC has concluded that there was sufficient evidence of the carcinogenicity of crystalline silica to experimental animals, but that there was limited evidence of carcinogenicity of crystalline silica to humans.

Limited evidence suggest that crystalline silica (quartz), a trace component, is a human carcinogen.

IARC has concluded that limited evidence exists of carcinogenicity of attapulgite to humans.

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified



Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/injuries after inhalation	: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
Symptoms/injuries after skin contact	: May cause slight irritation to the skin.
Symptoms/injuries after eye contact	: May cause eye irritation.
Symptoms/injuries after ingestion	: Small amounts are not anticipated to cause adverse effects. Large quantities may cause obstruction of the bowel.
Chronic symptoms	: None known

### SECTION 12 : Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on global warming : No known ecological damage caused by this product.

### SECTION 13 : Disposal considerations

#### 13.1. Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Landfill. Dispose in a safe manner in accordance with local/national regulations.

Eology - waste materials : Avoid release to the environment.

### SECTION 14 : Transport information

#### 14.1. UN number

Not regulated for transport.

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Transport hazard class(es)

Transport by sea

No additional information available

Air transport

No additional information available

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Not applicable

No supplementary information available.

#### 14.6. Special precautions for user

DOT

No data avail.

TDG

No data avail.

IMDG

No data avail.

IATA

No data avail.

### SECTION 15 : Regulatory information

#### 15.1. US Federal regulations

##### Attapulгите (12174-11-7)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Sulphuric Acid (7664-93-9)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

##### Silica, crystalline (quartz) (14808-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### Attapulгите (12174-11-7)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

##### Sulphuric Acid (7664-93-9)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on INSQ (Mexican national Inventory of Chemical Substances)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

##### Silica, crystalline (quartz) (14808-60-7)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Canadian DSL (Domestic Substances List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### 15.3. US State regulations

##### Attapulгите (12174-11-7)

U.S. - California - Proposition 65 - Carcinogens List	No
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U.S. - California - Proposition 65 - Developmental Toxicity	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
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No significant risk level (NSRL)

##### Sulphuric Acid (7664-93-9)

U.S. - California - Proposition 65 - Carcinogens List	No
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U.S. - California - Proposition 65 - Developmental Toxicity	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
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No significant risk level (NSRL)

##### Silica, crystalline (quartz) (14808-60-7)

U.S. - California - Proposition 65 - Carcinogens List	No
---	----

U.S. - California - Proposition 65 - Developmental Toxicity	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
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No significant risk level (NSRL)



### SECTION 16 : Other information

Abbreviations and acronyms : Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; evap.: evaporative; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemical Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development.

Full text of H-phrases :

Carc. 2	Carcinogenicity Category 2
H351	Suspected of causing cancer

HMIS III Rating

Health : 4 Severe Hazard - Life-threatening, major or permanent damage may result from single or repeated exposures.

Flammability

: 0 Minimal Hazard

Physical

: 0 Minimal Hazard

Prepared by safety and environmental affairs.

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