



Safety Data Sheet

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product form: Powder
Product name: MSM Pure Powder

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

Use of the substance/mixture: bio-available source of dietary sulfur

1.3 Details of the supplier of the safety data sheet

Name: AHC PRODUCTS, INC.
Address: 301 W BROADWAY STREET
WINCHESTER, KY 40391

Telephone: 859-737-3441

1.4 Emergency telephone number:

859-737-3441

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS-US classification: There are no hazardous ingredients present in this mix at levels greater than 1%. This is a non-hazardous mix according to OSHA standards.

2.2 Label Elements

GHS-US Labeling: n/a

Hazard pictograms (GHS-US)

Signal word (GHS-US)

Hazard Statements (GHS-US)

Precautionary statements (GHS-US)

2.3 Other Hazards

Other hazards not contributing to the classification: none known

2.4 Unknown Acute Toxicity (GHS US)

None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Methylsulfonylmethane



Safety Data Sheet

3.2 Mixture n/a

Name	Product identifier	%	GHS-US Classification

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general: Clean affected area well. If symptoms persist contact health professional

First-aid measures after inhalation: Immediately move to fresh air away from irritant.

First-aid measures after skin contact: Wash hands in accordance with good health procedures.

First-aid measures after eye contact: Flush eyes with water.

First-aid measures after ingestion: First steps should include evaluation of the airway and administration of supplemental oxygen, if necessary. Ingested substances need to be diluted with water or milk as soon as possible unless the airway is compromised.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: dust irritation, cough, lung irritation, acute cases may experience restrictions in breathing

Symptoms/injuries after skin contact: rash, redness, skin irritation at contact site, itchiness. Severe cases may include inflammation and swelling.

Symptoms/injuries after eye contact: Redness, burning, dryness, blurred vision

Symptoms/injuries after ingestion: Nausea, Indigestion, diarrhea, gastrointestinal upset

Chronic symptoms: n/a

4.3 Indication of any immediate medical attention and special treatment needed

Restricted breathing, impaired vision, vomiting, dehydration.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media- water fog, foam, CO2, dry chemical

5.2 Special hazards arising from the substance or mixture None known

5.3 Advice for firefighters Wear fully protective clothing and use self-contained breathing apparatus.



Safety Data Sheet

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Wear NIOSH approved equipment suitable for nuisance dust. Protective gloves, rubber or latex. Eye protection. Avoid direct inhalation.

6.1.1 For non-emergency personnel

Protective equipment: Wear NIOSH approved equipment suitable for nuisance dust.

6.1.2 For emergency responders

Protective equipment: Wear fully protective clothing and use self-contained breathing apparatus.

Emergency procedures: In accordance with Federal, State and Local regulations.

6.2 Environmental precautions:

Salvage if not contaminated

6.3 Methods and material for containment and cleaning up:

In accordance with federal, state and local regulations

6.4 Reference to other sections:

Section 4: First Aid Measures

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for sale handling: Keep tightly sealed and store in a dry place out of direct sunlight

Additional hazards when processed: none known

Precautions for safe handling: none known

Hygiene measures: none known

7.2 Conditions for safe storage including any incompatibilities:

Storage conditions: Dry area out of direct sunlight

Incompatible products: none known

Incompatible materials: none known

Storage area: Dry area out of direct sunlight

Packaging materials: Plastic jar or bucket with plastic closure, may include corrugated box with biodegradable peanuts.

7.3 Specific end use(s)

Animal Use Only

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters RESPIRATORY PROTECTION (SPECIFIC TYPE): Wear NIOSH approved equipment suitable for nuisance dust.

VENTILATION:

LOCAL EXHAUST: Use to minimize nuisance dust.

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Rubber or Latex

EYE PROTECTION: Chemical glasses or goggles



Safety Data Sheet

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: In accordance with good hygiene.

WORK AND/OR HYGIENIC PRACTICES: Wash hands in accordance with good health procedures.

8.2 Exposure controls RESPIRATORY PROTECTION (SPECIFIC TYPE): Wear NIOSH approved equipment suitable for nuisance dust.

VENTILATION:

LOCAL EXHAUST: Use to minimize nuisance dust.

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Rubber or Latex

EYE PROTECTION: Chemical glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: In accordance with good hygiene.

WORK AND/OR HYGIENIC PRACTICES: Wash hands in accordance with good health procedures.

Appropriate engineering controls: none known

Personal protective equipment: Protective clothing

Materials for protective clothing: non-flammable or flame retardant

Hand protection: Gloves, Rubber or Latex

Eye protection: Chemical Glasses or Goggles

Skin and body protection: In accordance with good hygiene

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Powder

Appearance: Fine Powder

Color: White Crystalline Powder

Odor: Odorless

Odor threshold: n/a

pH: n/a

Relative evaporation rate (butylacetate=1): Not available

Melting point: n/a

Freezing point: n/a

Boiling point: 460°F, 238°C

Flash point: 290°F open cup

Self-ignition temperature: Undetermined

Decomposition temperature: Undetermined

Flammability (solid, gas): Non Flammable

Vapor pressure: 0.030mmHg @ 25°C

Relative vapor density at 20° C: n/a

Relative density: n/a

Density: n/a

Solubility: 30% @ 25°C

Log Pow: n/a

Log Kow: n/a

Viscosity, kinematic: n/a

Viscosity, dynamic: n/a

Explosive properties: n/a

Oxidizing properties: n/a

Explosive limits: n/a



Safety Data Sheet

9.2 Other information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity None known

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions none known

10.4 Conditions to avoid none known

10.5 Incompatible materials Perchloric acid, Perchlorates

10.6 Hazardous decomposition products Sulfur oxides, eg. SO₂

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation: may occur in rare cases

Serious eye damage/irritation: may occur in rare cases

Respiratory or skin sensitization: may occur in rare cases

Germ cell mutagenicity: n/a

Carcinogenicity: n/a

Reproductive toxicity: n/a

Specific target organ toxicity (single exposure) none known

Specific target organ toxicity (repeated exposure) none known

Aspiration hazard: may occur in rare cases

Symptoms/injuries after inhalation: in rare cases: difficulty breathing, shortness of breath

Symptoms/injuries after skin contact: in rare cases: redness, irritation, inflammation at area of contact

Symptoms/injuries after eye contact: in rare cases: redness, vision impairment, dryness

Symptoms/injuries after ingestion: in rare cases: gastrointestinal upset, vomiting, diarrhea, indigestion.

Chronic symptoms: none known

SECTION 12: ECOLOGICAL INFORMATION (NON- MANDATORY)

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bio accumulative potential

12.4 Mobility in soil

12.5 Other adverse effects



Safety Data Sheet

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

13.1 Waste treatment methods

Waste disposal recommendations:
Additional information:
Ecology – waste materials:

SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

In accordance with ADR/RID/IMDG/IATA

14.1 UN number

UN-No. (DOT)
DOT NA no.:

14.2 UN proper shipping name

DOT Proper Shipping Name:

Department of Transportation (DOT) Hazard:
Classes
Hazard Label (DOT):

DOT Symbols:
Packing group (DOT):
DOT Special Provisions (49 CFR 172.102)

DOT Packaging Exceptions (49 CFR 173.xxx):
DOT Packaging Non Bulk (49 CFR 173.xxx):
DOT Packaging Bulk (49 CFR 173.xxx):

14.3 Additional Information

Other information:

[Overland transport](#)

[Transport by sea](#)

DOT Vessel Stowage Location:
DOT Vessel Stowage Other:

[Air Transport](#)

DOT Quantity Limitations Passenger aircraft/rail:
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)

SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

15.1 US Federal regulations

15.2 International regulations



Safety Data Sheet

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC or 1999/45/EC

15.2.2.National Regulations

15.3 US State Regulations

SECTION 16: OTHER INFORMATION

Prepared: 04/08/15

Preparer: S. Boyd

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