

SAFETY DATA SHEETS

This SDS packet was issued with item:

078939025

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078917078 078917109 078917113



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY INFORMATION

Product Name(s): Equithrive Joint Powder
Product Code(s): EQU-200
Uses: An equine nutritional supplement
Company: Thrive Animal Health LLC
Address: 1038 Nandino Blvd.; Lexington, KY 40511; USA
Telephone Number: (866) 721-1412 Fax Number: (866) 415-6808
Emergency Telephone Number: Not available.
Date Issued: November 11, 2019 Date Revised: November 11, 2019

This SDS complies with the OSHA Hazard Communication Standard 29CFR1910.1200 as revised in May 2012 (GHS). It may not meet requirements in other countries.

SECTION 2 HAZARDS IDENTIFICATION

GHS Signal Word: **WARNING**

GHS Classification: Combustible Dust

GHS Hazard Statements: May form combustible dust concentrations in air

GHS Precautionary Statements:	<u>Prevention:</u>	<u>Response:</u>
	None.	None.
	<u>Storage:</u>	<u>Disposal:</u>
	None.	None.

Hazards Not Otherwise Classified: None.

GHS Assessment: Approximately 52-53% of this mixture consists of ingredient(s) of unknown acute toxicity.
Approximately 96-97% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.

Note: The majority of components in this product are derived from naturally-occurring substances and are not expected to be appreciably harmful.

SECTION 3 COMPOSITION / INGREDIENTS

Component	CAS Number	EC Number	Concentration
Amorphous silica	7631-86-9	231-545-4	1.0 - 5.0%
<i>Classification: Not classified as hazardous</i>			

Other components are either non-hazardous or do not significantly contribute to the hazards of the product. Trade Secret Claims: Specific chemical identity and/or exact percentage (concentration) of components has been withheld as a trade secret. For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4 FIRST AID MEASURES

- First Aid - Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation develops.
- First Aid - Skin: In the unlikely event that contact causes a reaction, flush area with water and seek medical attention.
- First Aid - Ingestion: If swallowed and feel unwell, seek medical attention. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.
- First Aid - Inhalation: If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.
- Important Symptoms / Effects – Acute and Delayed: Mild tissue inflammation.
- Advice to Physician: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

- Extinguishing Media: Treat surrounding material. Water spray, dry chemical, carbon dioxide, or foam is recommended. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.
- Specific Hazards: This product is not flammable, but will burn in a fire. This product may give rise to hazardous vapors in a fire. Vapors/fumes may be irritating, corrosive and/or toxic.
- Protective equipment and procedures for fire-fighters: Wear full protective clothing and self-contained breathing apparatus.
- Additional Advice: Fine dusts may form combustible dust concentrations in air.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Sweep up spilled material and transfer into suitable containers for disposal. Avoid creating airborne dusts. Finally flush area with water.
- Personal Precautions: No special protective clothing is required.
- Environmental Precautions: No special containment is necessary.

SECTION 7 HANDLING AND STORAGE

Handling:	Avoid creating airborne dusts. Do not breath dusts.
Storage:	Keep container(s) tightly closed. Use and store this material at ambient temperatures away from heat, direct sunlight and hot metal surfaces. Keep away from any incompatible materials (see Section 10).
Additional Advice:	Store in original container. Store as directed by the manufacturer.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Standards:	Exposure limits are listed below, if they exist.
Equithrive Joint Powder:	(as Particulates not otherwise regulated) OSHA PEL: 15 mg/m ³ TWA (total dust) OSHA PEL: 5 mg/m ³ TWA (respirable fraction)
Amorphous silica:	NIOSH REL: 6 mg/m ³ TWA. ACGIH TLV: 3 mg/m ³ TWA (respirable fraction). ACGIH TLV: 10 mg/m ³ TWA (inhalable fraction). OSHA PEL: 20 mpcf.
Engineering Control Measures:	Not required under normal conditions of use.
Respiratory Protection:	A NIOSH certified respirator may be used under conditions where airborne concentrations are expected to exceed exposure limits.
Hand Protection:	Not required under normal conditions of use.
Eye Protection:	Not required under normal conditions of use.
Body Protection:	Not required under normal conditions of use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid, powder
Color:	Brown
Odor:	Mild
Odor Threshold:	Not available.
pH:	Not available.
Melting Point/Range (°C/°F):	Not available.
Boiling Point/Range (°C/°F):	Not available.
Flash Point (PMCC) (°C/°F):	Not flammable
Evaporation Rate:	Not available.
Flammability / Explosivity Limits in Air (%):	May form combustible dust concentrations in air
Vapor Pressure:	Not available.
Vapor Density (Air = 1):	Not available.
Relative Density:	0.70 g/ml (20°C)
Solubility in Water:	Partly soluble
Partition Coefficient:	Not available.
Autoignition Temperature (°C/°F):	Not available.
Decomposition Temperature (°C/°F):	Not available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Viscosity:	Not available.
Explosive Properties:	None.
Oxidizing Properties:	None.
Volatile Organic Content (VOC) (g/l):	ca. 0 g/l (as defined by 40CFR51.100)

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	Product will not undergo additional reaction.
Stability:	Stable under normal storage conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Contact with incompatible materials, excessive heat.
Incompatibilities:	Strong oxidizing agents.
Hazardous Decomposition Products:	Oxides of carbon, oxides of silicon, metal oxides, aliphatic and aromatic compounds, toxic by-products.

SECTION 11 TOXICOLOGICAL INFORMATION

If available, toxicity data for the product is given; otherwise component data is listed.

Acute Toxicity:	This product is not expected to be appreciably harmful. (Amorphous silica) Oral LD50 (rat) > 22,500 mg/kg; Dermal LD50 (rabbit) > 5000 mg/kg; Inhalation LD0 (rat) 0.69 mg/l (4 hr)
Skin Corrosion / Irritation:	The product may be slightly irritating to the skin. (Amorphous silica) Non-irritating to skin.
Serious Eye Damage / Irritation:	The product may be mildly irritating to the eyes. (Amorphous silica) Non-irritating to eyes (may be mechanically irritating).
Respiratory or Skin Sensitization:	The product is not expected to be dermally sensitizing. (Amorphous silica) Not dermally sensitizing (guinea pig).
Mutagenicity:	This product is not expected to be mutagenic. (Amorphous silica) Not mutagenic (Ames test, unscheduled DNA synthesis and chromosomal aberration testing in CHO cells).
Carcinogenicity:	This product is not expected to be carcinogenic. (Amorphous silica) Inadequate evidence for carcinogenicity in experimental animals and humans. Not classified as to carcinogenicity to humans (IARC).
Reproductive / Developmental Toxicity:	This product is not expected to be reproductively or developmentally harmful. (Amorphous silica) Reproductive or developmental toxicity was not observed in laboratory animals.
Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Single Exposure:	This product is not expected to cause organ effects or systemic toxicity upon a single exposure. (Amorphous silica) No data.
Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Repeated Exposure:	This product is not expected to cause organ effects or systemic toxicity upon repeated exposure. (Amorphous silica) No data.
Aspiration Hazard:	This product is not expected to pose an appreciable aspiration hazard.
Additional Information:	None.

SECTION 12 ECOLOGICAL INFORMATION

If available, ecological data for the product is given; otherwise component data is listed.

Acute Ecotoxicity:	This product is not expected to be appreciably harmful to aquatic species. (Amorphous silica) LC50 (Zebra fish) > 10000 mg/l/96 hr; EC50 (Daphnia magna) > 10000 mg/l/24 hr.
Mobility:	No information is available for the product. (Amorphous silica) No data.
Persistence/Degradability:	The product is mostly expected to biodegrade based on component information. (Amorphous silica) Inherently non-degradable.
Bioaccumulation:	The product is not expected to bioaccumulate in aquatic organisms. (Amorphous silica) No data.
Other adverse effects:	None.

SECTION 13 DISPOSAL CONSIDERATION

Environmental precautions:	No special containment is necessary.
Product Disposal:	Dispose in accordance with all local, state (provincial), and federal regulations.
Container Disposal:	Do not remove label until container is empty. Dispose in accordance with all local, state (provincial), and federal regulations.

SECTION 14 TRANSPORT INFORMATION

DOT (US):

Proper Shipping Name:	Not regulated
UN Number:	None.
Class:	None.
Packaging Group:	None.
Reportable Quantity:	None.
Marine Pollutant:	None.

IATA:

Proper Shipping Name:	Not regulated
UN Number:	None.
Class:	None.
Packing Group:	None.

IMDG:

Proper Shipping Name:	Not regulated
UN Number:	None.
Class:	None.
Packing Group:	None.
Marine Pollutant:	None.

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

SECTION 15 REGULATORY INFORMATION

US Toxic Substance Control Act:	The components of this product are exempt from the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
Canadian Domestic Substance List:	One or more components of this product are not listed on the Canadian Domestic Substance List. Limited quantities may be permitted.
EU REACH:	One or more components of this product may not have been pre-listed or registered under REACH. Limited quantities may be permitted.
TSCA Sec.12(b) Export Notification:	This product does not contain a chemical at or above de minimis concentrations which requires reporting.
Canadian WHMIS Classification:	Not classified as hazardous. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.
Massachusetts Right-To-Know:	This product contains materials subject to disclosure under the Massachusetts Right-To-Know Law: - Amorphous silica
New Jersey Right-To-Know:	This product contains materials subject to disclosure under the New Jersey Right-To-Know Law: - Amorphous silica (precipitate and gel) (3510)
Pennsylvania Right-To-Know:	This product contains materials subject to disclosure under the Pennsylvania Right-To-Know Law: - Amorphous silica
California Proposition 65:	This product contains materials which the State of California has found to cause cancer, birth defects or other reproductive harm: - Silica, crystalline (as airborne particles) (< 0.04%)
SARA TITLE III-Section 311/312 Categorization (40 CFR 370):	Not classified as hazardous. (as of 2018, the EPA has adopted GHS hazard classifications)
SARA TITLE III-Section 313 (40 CFR 372):	This product does not contain materials which are listed in Section 313 at or above de minimis concentrations.
CERCLA Hazardous Substance (40 CFR 302)	This product does not contain materials subject to reporting under CERCLA and Section 304 of EPCRA.
Water Hazard Class (WGK):	This product is slightly water-endangering (WGK=1).
Other Chemical Inventories:	Australia (AICS): One or more components may not be listed. China (IECSC): One or more components may not be listed. Japan (ENCS): One or more components may not be listed. Korea (KCI): One or more components may not be listed. Philippines (PICCS): One or more components may not be listed. Taiwan (TCSI): One or more components may not be listed.

SECTION 16 OTHER INFORMATION

NFPA Rating - HEALTH:	1
NFPA Rating - FIRE:	1
NFPA Rating - REACTIVITY:	0

SECTION 16 OTHER INFORMATION

NFPA Rating - SPECIAL: NONE

Full text of H-Statements referred to under Section 3:

None.

SDS Date Issued: November 11, 2019

SDS Current Version: 1.0 Version Date: November 11, 2019

SDS Revision History: v1.0 Initial version.

Abbreviations:

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

CAS#: Chemical Abstract Services Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

NFPA: National Fire Protection Association

DOT: US Department of Transportation

RCRA: US Resource Conservation and Recovery Act

TLV: Threshold Limit Value

TWA: Time-Weighted Average

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

WEEL: Workplace Environmental Exposure Levels

AIHA: American Industrial Hygiene Association

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

LD50: Lethal Dose 50%

LC50: Lethal Concentration 50%

NOAEL: No Observed Adverse Effect Level

NOEL: No Observed Effect Level

EC50: Effective Concentration 50%

LL50: Lethal Loading Rate 50%

BCF: Bioconcentration Factor

BOD: Biological Oxygen Demand

Koc: Soil Organic Carbon Partition Coefficient.

T_{1m}: Median Tolerance Limit

Key References:

United States National Library of Medicine's TOXNET
 Patty's Toxicology, 5th Edition
 European Commission's Institute for Health and Consumer Protection
 European Chemicals Agency (ECHA)
 American Conference of Governmental Industrial Hygienists
 International Agency for Research on Cancer
 United States National Toxicology Program
 United States Occupational Safety and Health Administration
 United States Department of Transportation
 Supplier Material Safety Data Sheets

Disclaimer:

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