

Product Name: Kelly's Capsulated Gypsum (Micro or Fairway) Updated: May 6, 2015

# SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Identifier (Common Name): Kelly's Capsualted Gypsum (Micro or Fairway)

 Manufacturer's Name:
 Kelly's Green Team, LLC
 Telephone # : 660-627-5500

 Address:
 P.O. Box 725 Kirksville, MO 63501
 Emergency Telephone # : 660-627-5500

 Poison Control: (800) 222-1222 (24 hours)

Common Name (used on label):Kelly's Capsulated GypsumChemical Name:Calcium Sulfate Dihydrate

# SECTION 2 - HAZARDS IDENTIFICATION

DESCRIPTON: Brown granular mix with a light mineral odor.

HEALTH HAZARDS: May be irritating to the respitory tract, eyes and skin. Ingestion of large dose may cause

gastrointestinal irritation.

MEDICAL CONDITIONS:

EYE CONTACT: Direct contact with dust may cause irritaion by mechanical abrasion.

SKIN CONTACT: Direct contact may cause irritation by mechanical abrasion.

INGESTION: If ingested, intestinal obstruction may occur if the material hardens, espcially in the pyloric region.

INHALATION: Dusts may irriate the nose, throat and respiratory tract by mechanicla abrasion. Coughing, sneezing

and shortness of breath may occur following exposure in excess of appropriate exposure limits.

# SECTION 3 - COMPOSITION & INFORMATION ON INGREDIENTS

INGREDIENTS CAS REGISTRY # % BY WEIGHT

Calcium Sulfate Dihydrate 10101-41-4 86%

Lignosulfonate 8061-52-7 2%

# SECTION 4 - FIRST-AID MEASURES

EYES: In case of contact, immediately flush eyes with water for a minimum of 15 minutes. Warm water recommended

but cold water may be used.

SKIN: In case of skin contact, immediately rinse area with water. Remove contaminated clothing and shoes. Wash

clothing and clean shoes before reuse. Seek medical attention should irritation persist.

INGESTION: Do not induce vomiting. If conscious have person drink plenty of water. Seek medical attention or contact poison

control center immediately.

INHALATION: If a person inhales a large amount of nuisance dust, move exposed person to fresh air at once.

Product Name: Kelly's Capsulated Gypsum Page 2

# SECTION 5 - FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES: Not flammable or combustible.

EXTINGUISHING MEDIA: Dry chemical, foam, water, fog or spray

FLAMMABLE LIMITS IN AIR: Not flammable

UNUSUAL FIRE AND EXPLOSION HAZARD: None

HAZARDOUS COMBUSTION PRODUCTS: None. Above 1450 degrees C, material can decompose and release sulfur dioxide and

oxides of carbon.

# SECTION 6 - ACCIDENTAL RELEASE MEASURE

STEPS TO BE TAKEN IN CASE MATERIAL I SRELEASED OR SPILLED

Sweep up and remove. Store contaminated materials in dry, sealed plastic or non-aluminum metal containers. Residues on surfaces may be washed with water.

None of the componets in this product are subject to the reporting requirements of Title III or SARA, 1986 and 40 CFR 372.

# SECTION 7 - HANDLING AND STORAGE

Ensure proper ventilation, and respiratory and eye protection are used under dusty conditions. Dew point conditions or other conditions causing presence of moisture will harden gypsum during storage. Excesive particulate concentrations in workplace must be avoided even though it is inert and non-toxic.

# SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

RESPIRATORY PROTECTION: NIOSH approved particulate respirator if required.

EYE PROTECTION: Safety glasses with side shield, goggles, or face mask recommended.

SKIN PROTECTION: Long sleeves, cotton gloves recommended.

VENTILATION: Local exhaust, if needed.

# SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPERANCE AND ODOR: Light brown granular mix with slight detectable odor.

SPECIFIC GRAVITY: 2.6 - 2.75 g/cc pH: 6.72

BOILING POINT: N/A VAPOR PRESSURE: N/A

VAPOR DENSITY IN AIR: N/A FLASH POINT: Not flammable

EVAPORATION RATE: Zero SOLUBILITY IN WATER: 2.1 g/L @ 20 degrees C

#### **SECTION 10 - STABILITY AND REACTIVITY**

STABILITY: Stable CONDITIONS TO AVOID: Items listed under Incompatability.

INCOMPATABILITY (Materials to avoid): Aluminum ( at high temperatures), diazamethane

HAZARDOUS DECOMPOTION PRODUCTS: When heated to high temperatures above 825 degrees C, gypsum may emit toxic fumes of sulfue and calcium.

Product Name: Kelly's Capsulated Gypsum Page 3

# SECTION 11 - TOXICOLOGICAL INFORMATION

#### Calcium sulfate dihydrate

Exposure route: Inhalation, skin and/or eye contact.

Target organs: Eyes, skin, respiratory system.

Acute effect: Calcium sulfate dihydrate dust has an irritant action on mucous membranes of the respiratory tract and eyes. There have been reports of conjuctivitis, chronic rhinitis, laryngitis, pharyngitis, impaired sense of smell and taste, bleeding from the nose and reactions of tracheal and bronchial membranes in exposed workers.

# SECTION 12 - ECOLOGICAL INFORMATION

No data available

# SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

May be disposed of as an inert solid in sanitary landfill or by other procedures in accordance with all federal, state and local regulations. May be used as a supplement on land and on some agricultural products.

#### **SECTION 14 - TRANSPORT INFORMATION**

DOT HAZARD CLASSIFICATION: None

PLACARD REQUIRED: None

LABEL REQUIRED: Label as required by OSHA Hazards Communication Standard (29 CFR 1910.1200 (f) and applicable state and

local regulations.

# SECTION 15 - REGULATORY INFORMATION

FDA: Product is manufactured for agricultural applications. As such, FDA regulations do not apply.

# SECTION 16 - OTHER INFORMATION INCLUDING DATE OF PREPARATION OR LAST REVISION

Revised: May 6, 2015

CFR: US Code of Ferderal Regulations DOT: Department of Transportation

IARC: International Agency for Research on Cancer IDLH: Immediately Dangerous to Life and Health

NIOSH: National Institute for Occupational Safety and Health, US Department of Health and Human Services

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limits

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act, 1986

TLV: Threshold Limit Value TWA: Time-weighted Average

FDA: Food and Drug Administration		