



Product Name: Kelly's Capsulated Gypsum (Micro or Fairway)

Updated: May 6, 2015

**SECTION I - PRODUCT AND COMPANY IDENTIFICATION**

<u>Identifier (Common Name):</u>	<b>DG Gypsum 100</b>	
<u>Manufactured for:</u>	The Andersons Inc.	Telephone # : 660-627-5500
<u>Address:</u>	P.O. Box 119	Emergency Telephone # : 660-627-5500
	Maumee, Ohio 43537	Poison Control: (800) 222-1222 (24 hours)
<u>Common Name (used on label):</u>	<u>Kelly's Capsulated Gypsum</u>	
<u>Chemical Name:</u>	<u>Calcium Sulfate Dihydrate</u>	

**SECTION 2 - HAZARDS IDENTIFICATION**

DESCRIPTON: Brown granular mix with a light mineral odor.

HEALTH HAZARDS: May be irritating to the respiratory 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 irritaion by mechanical abrasion.

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

INHALATION: Dusts may irriate the nose, throat and respiratory tract by mechaniclra 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, immediatly 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, immediatly 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 immediatly.

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

**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 IS RELEASED 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 components 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. Excessive 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**

APPEARANCE 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 Incompatibility.

INCOMPATIBILITY (Materials to avoid): Aluminum ( at high temperatures), diazomethane

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

**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 conjunctivitis, 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 Federal 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