

MATERIAL SAFETY DATA SHEET**SECTION I - IDENTIFICATION**

Common Name:
Corn Meal, Degermed

CHEMICAL COMPOSITION:
Meal produced by grinding dehulled, degermed corn.

SECTION II - HAZARDOUS INGREDIENTS

None. Product is for human consumption.

SECTION III - PHYSICAL DATA

APPEARANCE: Bright yellow to light yellow meal.
BOILING POINT: N/A
VAPOR DENSITY (AIR = 1): N/A
SOLUBILITY IN WATER: Approximately 1% or less
SPECIFIC GRAVITY (H2O)=1): Greater than 1.0; Approximately 1.3 – 1.4

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

MIN EXPLOSION CONC.: 38 mg/liter as dust. Dust explosions are possible.
FLASH POINT: Greater than 150° C. (ASTM E502-74)
FIRE FIGHTING: Use standard fire fighting procedures.
EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical or water fog. Do not use a direct stream if dust is formed. Dust dispersed by a direct stream in the presence of an ignition source could explode.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None Established
PERMISSIBLE EXPOSURE LIMITS: 15mg/m³ Total: 5mg/m³ respirable.
HEALTH EFFECTS: OSHA PEL sets limits for particulates not otherwise regulated (N.O.R.). ACGIH recommends that particulate dusts be treated as nuisance dusts when there is no established TLV and recommends a TLV of 10 mg/m³ of total dust. Persons with respiratory problems may experience reactions when exposed to the material. Allergic and hypersensitive persons may experience allergic respiratory reactions and/or skin irritations from prolonged exposure. Material may irritate eyes upon contact. Persons demonstrating respiratory effects such as coughing or airway irritation should be removed from exposure and medical attention sought if needed. Smokers have an increased risk to respiratory effects from excessive dust exposure.
HYGENIC PRACTICE: Remove from skin by washing with soap and water. Use approved dust respirator if exposed to excessive dust concentration.

SECTION VI - REACTIVITY DATA

Stable. No known reactivity problems.

SECTION VII - SPILL OR LEAK PROCEDURES:

Sweep or vacuum to clean up spills. Do not use any procedure which causes dispersion of dust into the air if any possibility of ignition exists. Dispose of materials in covered containers. Follow Federal, State and Local regulations for waste disposal.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Use NIOSH approved dust respirator if dust is developed during material handling or use. Local or general ventilation may be necessary to minimize dust.

Allergenic and hypersensitive person should wash contacted areas with soap and water after handling.

SECTION IX – PRECAUTIONS FOR SAFE HANDLING AND USE

Avoid dispersions of material into the air to minimize explosion and health hazards.

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