

Ginger Powder Safety Data Sheet Template

Identification

Product Name: Ginger Powder
Product Code: GG-GRPW-001
CAS No.: 84696-15-1 (Ginger rhizome powder); EC No.: Not applicable
REACH Registration No.: Not applicable (natural spice)
Supplier: GrocerGrade, 2 Avadh Complex, Valak Circle, Outer Ring Road, Surat, Gujarat 395006, India; Tel: +91 95102 39039; Email: info@grocergrade.co.in
Emergency Phone: +91 95102 39039 (office hours 09:00-18:00 IST).

Hazards Identification

Classification: Skin Sens. 1B (H317: May cause allergic skin reaction); Eye Irrit. 2 (H319: Causes serious eye irritation); STOT SE 3 (H335: May cause respiratory irritation); Aquatic Chronic 3 (H412: Harmful to aquatic life with long lasting effects).

Pictograms: GHS07 (Exclamation mark)

Signal Word: Warning

Hazard Statements: H317, H319, H335, H412.

Precautionary Statements: P261 (Avoid breathing dust); P280 (Wear protective gloves/eye protection); P302+P352 (IF ON SKIN: Wash); P305+P351+P338 (IF IN EYES: Rinse); P501 (Dispose per regulations).

Composition

Mixtures: Ginger Powder (Zingiber officinale rhizomes, dried and ground) 100%; Gingerols ~1-3%; Essential oils min 1.5 ml/100g; No GMO, irradiation; Aflatoxins <10 ppb.

First Aid, Firefighting, Accidental Release

First Aid: Inhalation: Fresh air; Skin: Wash, seek medical if rash; Eye: Rinse 15 min; Ingestion: Water, treat symptomatically.

Fire: Water fog/foam/CO₂; SCBA for firefighters.

Spill: Ventilate, sweep dust, avoid watercourses.

Handling/Storage, Exposure Controls

Handling: Minimize dust; gloves/eye protection; good hygiene.

Storage: Ambient, dry, airtight; shelf life 2-3 years; incompatible with oxidizers.

Exposure: Ventilation; no specific OEL, respirable dust <5 mg/m³.

Physical/Chemical, Stability, Toxicological

Appearance: Light yellow-brown fine powder; spicy odor.

pH: 5-7; **Density:** ~0.5 g/ml; **Moisture:** max 10%.

Stability: Stable; avoid heat/moisture.

Toxicology: Dust irritant; skin sensitization possible; low acute toxicity.

Ecological, Disposal, Transport, Regulatory

Ecological: Harmful to aquatic life (H412); biodegradable.

Disposal: Local regulations; incinerate.

Transport: Non-hazardous.

Regulatory: FSSAI, EU 1881/2006, Codex CXS 343-2021, REACH.