

Garlic Powder Safety Data Sheet Template

Identification

Product Name: Garlic Powder
Product Code: GG-GRP-001
CAS No.: 8008-99-9 (Garlic 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. 1 (H317: May cause allergic skin reaction); Eye Irrit. 2 (H319: Causes serious eye irritation); STOT SE 3 (H335: May cause respiratory irritation from dust).
Pictograms: GHS07 (Exclamation mark)
Signal Word: Warning
Hazard Statements: H317, H319, H335.
Precautionary Statements: P261 (Avoid breathing dust); P280 (Wear protective gloves/eye protection); P302+P352 (IF ON SKIN: Wash with water); P305+P351+P338 (IF IN EYES: Rinse); P501 (Dispose per local regulations).

Composition

Mixtures: Garlic Powder (Allium sativum bulbs, dehydrated and ground) 100%; Alicin ~0.2-1%; Essential oils ~1%; No GMO, irradiation; Aflatoxins <10 ppb.

First Aid, Firefighting, Accidental Release

First Aid: Inhalation: Fresh air; Skin/Eye: Rinse, seek medical if rash/irritation; Ingestion: Rinse mouth, water.
Fire: Water fog/foam; SCBA recommended.
Spill: Ventilate area, sweep into container, prevent dust spread.

Handling/Storage, Exposure Controls

Handling: Avoid dust generation; use gloves/eye protection; no eating/smoking.
Storage: Cool, dry, airtight; shelf life 2-3 years; moisture <6%.
Exposure: Local exhaust ventilation; no specific OEL.

Physical/Chemical, Stability, Toxicological

Appearance: White to pale yellow fine powder; pungent garlic odor.
pH: 5-6.5; Density: ~0.5 g/ml; Moisture: max 6%.
Stability: Stable under normal conditions; avoid moisture/oxidizers.
Toxicology: Mild irritant to skin/eyes/respiratory; low acute toxicity.

Ecological, Disposal, Transport, Regulatory

Ecological: Low aquatic toxicity; biodegradable.
Disposal: Follow local waste regulations; incinerate/recycle.
Transport: Non-hazardous (no UN number).
Regulatory: FSSAI compliant, EU Reg 1881/2006 (contaminants), REACH.