

Fennel Seeds Safety Data Sheet Template

Identification

Product Name: Whole Fennel Seeds

Product Code: GG-FENW-001

CAS No.: 8006-84-6 (Foeniculum vulgare seeds); EC No.: 282-892-3

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 if crushed).

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); P305+P351+P338 (IF IN EYES: Rinse); P501 (Dispose per regulations).

Composition

Substance: Whole Fennel Seeds (Foeniculum vulgare) 100%; Volatile oil 2-6%; trans-Anethole ~50-80%; No GMO, irradiation; Aflatoxins <10 ppb.

First Aid, Firefighting, Accidental Release

First Aid: Inhalation: Fresh air; Skin: Wash if irritated; Eye: Rinse 15 min; Ingestion: Safe in food quantities.

Fire: Dry chemical/foam/CO₂; avoid water jets.

Spill: Sweep up, avoid crushing seeds.

Handling/Storage, Exposure Controls

Handling: Avoid crushing without ventilation; gloves recommended.

Storage: Cool, dry, airtight; shelf life 2 years; moisture <10%.

Exposure: Ventilation during processing; no specific OEL.

Physical/Chemical, Stability, Toxicological

Appearance: Greenish-brown oval seeds; licorice-like odor when crushed.

pH: N/A (solid); Density: ~0.9 g/ml; Moisture: max 10%.

Stability: Stable; avoid high humidity.

Toxicology: Potential skin sensitizer; low acute toxicity as food.

Ecological, Disposal, Transport, Regulatory

Ecological: Low toxicity; biodegradable.

Disposal: Local waste rules; compost/incinerate.

Transport: Non-hazardous.

Regulatory: FSSAI, HS 090961, Spices Board India, EU 1881/2006.