

# Mustard Seeds Safety Data Sheet Template

## Identification

**Product Name:** Whole Mustard Seeds

**Product Code:** GG-MUSTW-001

**CAS No.:** 90064-15-6 (Brassica nigra seeds); 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](mailto: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 Mustard Seeds (Brassica spp.: nigra/juncea/alba) 100%; Glucosinolates (sinigrin/sinalbin) variable; Volatile oils ~1%; No GMO, irradiation; Aflatoxins <10 ppb.

## First Aid, Firefighting, Accidental Release

**First Aid:** Inhalation: Fresh air; Skin: Wash with soap/water; Eye: Rinse 15 min; Ingestion: Safe in food amounts.

**Fire:** Dry chemical/foam/CO<sub>2</sub>; avoid water spray (may generate irritant vapors).

**Spill:** Sweep up carefully, avoid crushing seeds.

## Handling/Storage, Exposure Controls

**Handling:** Avoid crushing/grinding without ventilation; gloves recommended.

**Storage:** Cool, dry, airtight; shelf life 2 years; moisture <7%.

**Exposure:** Ventilation during processing; no specific OEL.

## Physical/Chemical, Stability, Toxicological

**Appearance:** Small round seeds (yellow/brown/black); pungent when crushed.

**pH:** N/A (solid); Density: ~0.8 g/ml; Moisture: max 7%.

**Stability:** Stable; avoid high humidity (germination risk).

**Toxicology:** Skin/eye irritant when crushed; low acute toxicity as food.

## Ecological, Disposal, Transport, Regulatory

**Ecological:** Low toxicity; biodegradable; avoid watercourses.

**Disposal:** Local waste rules; compost/incinerate.

**Transport:** Non-hazardous.

**Regulatory:** FSSAI (extraneous matter ≤2%, damaged ≤2%), EU basic substance approval, Spices Board India.