SAFETY DATA SHEET (SDS) — GHS COMPLIANT

(Prepared for Amazon FBA Dangerous Goods / Hazmat Exemption Review — Non-Regulated Food-Safe Plant Oil & Natural Wax Finishes)

SECTION 1: IDENTIFICATION

- **Product Names Covered by This SDS:**
  - **DuraGrain Co. — Pure Walnut Oil** (12 fl oz / 355 mL & 32 fl oz / 946 mL)
  - **DuraGrain Co. — Board Butter** (4 oz / 113 g)
  - **DuraGrain Co. — Hardwax Oil** (12 fl oz / 355 mL & 32 fl oz / 946 mL)
  - **DuraGrain Co. — Board & Wood Wash** (12 fl oz / 355 mL)
- **Manufacturer / Supplier:** DuraGrain LLC
- **Location:** Greater Pittsburgh, Pennsylvania, USA
- **Contact:** `info@duragrain.com` | **Web:** `https://duragrain.com`
- **Recommended Use:** 100% food-contact safe natural wood finishes, cutting board conditioners, and plant-based wood cleaner.

SECTION 2: HAZARD(S) IDENTIFICATION

- **GHS Classification: Not classified as hazardous** under OSHA Hazard Communication Standard (29 CFR 1910.1200) / GHS Rev. 7.
- **Flammable Liquid Classification: NOT A FLAMMABLE OR COMBUSTIBLE LIQUID** under DOT / IATA / IMDG / OSHA definitions (Closed-Cup Flash Point **> 320°F / > 160°C**).
- **Signal Word:** None required.
- **Hazard Statements:** None (100% food-contact safe triglycerides, natural waxes, and saponified plant oils compliant with FDA 21 CFR 175.300).
- **Precautionary Statements (Shop Safety for Drying Oil Finishes):**
  - **Spontaneous Heating Precaution:** Like all natural vegetable drying oils (walnut, tung, linseed), rags, paper towels, or applicators soaked with liquid oil generate mild exothermic heat as they absorb oxygen and cure. Always lay oil-soaked cloths flat outdoors to dry completely or submerge in water before disposal.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component Name	CAS Number	% by Weight (Across Lineup)	GHS Hazard Classification
Alkali-Refined Walnut Seed Oil (*Juglans regia*)	`8024-09-7`	`68.0% – 99.8%` *(Oils & Butter)*	Non-Hazardous (FDA Food-Safe Triglyceride)
100% Pure Chinawood Tung Oil (*Vernicia fordii*)	`8001-20-5`	`0.0% – 22.0%` *(Hardwax Oil)*	Non-Hazardous (Natural Vegetable Drying Oil)
Domestic USP Beeswax (*Cera Alba*)	`8012-89-3`	`0.0% – 18.0%` *(Butter & Hardwax)*	Non-Hazardous (GRAS Natural Wax)
T1 Brazilian Carnauba Wax (*Copernicia prunifera*)	`8015-86-9`	`0.0% – 6.0%` *(Butter & Hardwax)*	Non-Hazardous (GRAS Natural Palm Wax)
Mixed Tocopherols (Natural Vitamin E)	`1406-66-2`	`0.2%`	Non-Hazardous Food-Grade Antioxidant

Saponified Coconut/Olive Castile & Water	61789-31-9 / 7732-18-5	97.5% *(Wood Wash Only)*	Non-Hazardous Plant Soap

- **VOC Content: 0 g/L (0% Petroleum Distillates / 0% Heavy-Metal Chemical Driers / 0% Isocyanates)**

SECTION 4–8: FIRST AID, FIREFIGHTING, ACCIDENTAL RELEASE & HANDLING

- **First Aid:** Non-toxic food-contact safe ingredients. Skin: Wash with warm water and soap. Eyes: Flush gently with water. Ingestion: Food-grade plant oils/waxes; seek medical attention only if large quantities are ingested and discomfort occurs.
- **Firefighting Measures:**
  - **Flash Point: > 320°F (> 160°C)** (ASTM D93 Closed Cup)
  - **Auto-Ignition Temperature:** > 650°F (> 343°C)
  - **Extinguishing Media:** Dry chemical, CO2, foam, or water fog.
- **Storage:** Store in closed original matte-black UV-opaque HDPE/PP containers at room temperature (50°F–85°F).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Clear golden-amber liquid (`Pure Walnut Oil`, `Board & Wood Wash`), creamy golden liquid emulsion (`Hardwax Oil`), or smooth golden-ivory paste (`Board Butter`).
- **Odor:** Mild natural nutty / beeswax / faint citrus aroma.
- **Flash Point: > 320°F (> 160°C) Closed Cup**.
- **Relative Density (Specific Gravity):** `0.92 – 0.96 g/cm³` at 20°C.

SECTION 10–15: STABILITY, TOXICOLOGY, ECOLOGY & TRANSPORT

- **Chemical Stability:** Stable under normal ambient storage conditions.
- **Toxicological Information:** Non-toxic; non-sensitizing (Alkali-Refined, Bleached, and Deodorized walnut oil micro-filtered to strip nut proteins `<2.5 ppm`).
- **Ecological Information:** 100% biodegradable natural plant triglycerides, waxes, and castile soap.
- **SECTION 14 — TRANSPORT INFORMATION (DOT / IATA / IMDG / AMAZON FBA):**
  - **UN Number: Not Regulated**
  - **UN Proper Shipping Name: Not Regulated as a Dangerous Good**
  - **Transport Hazard Class: None (Non-Hazardous)**
  - **Packing Group: None**
  - **Marine Pollutant:** No
  - **Air & Ground Shipping Status: Cleared for unrestricted Ground and Air transport.**