



## Safety Data Sheet – Soap (Bars, Sticks, Flakes)

### Section 1: Chemical Product and Company Identification

**Product Name:** Soap Bar, Soap Flakes, Soap Stick

**Catalog Codes:** SB-4, SF-4, SS, SF2

**Recommended Use:** Consumer laundry and home cleaning

**Restrictions on Use:** None

**Manufacturer Name:** Meliora K, LLC

**Address:** 2041 W Carroll Ave, Suite C220, Chicago IL 60612

**Phone Number:** 312-721-8002

**website:** www.meliorak.com **email:** info@meliorak.com

**Emergency Phone Number:** 312-721-8002

### Section 2: Hazard Identification

**Potential Short-term Health Effects:** May be harmful if swallowed, inhaled, or on prolonged skin contact. Irritating to eyes.

**Subchronic effects/Carcinogenicity:** none known. Ingredients are not listed as a carcinogen or potential carcinogen by IARC, NTP, OSHA, or ACGIH

### Section 3: Composition and Information on Ingredients

Vegetable Soap Composition:

Name	CAS #	% By Weight
Sodium Cocoate	61789-31-9	80%
Glycerin	56-81-5	9%
Cocos Nucifera Oil (Coconut Oil)	8001-31-8	6%
Water	7732-18-5	5%

### Section 4: First Aid Measures

**Eye Contact:** remove contact lenses, flush with plenty of water for 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** If large amounts are swalled, do not induce vomiting. Administer water if person is conscious. Never give anything by mouth to an unconscious person.

**Skin Contact:** flush skin with water. Wash clothing before reuse.

**Inhalation:** move to fresh air. Seek medical attention if irritation develops or person has difficulty breathing.

### Section 5: Fire-Fighting Measures

**Flammability of Product:** non-flammable

**Auto-Ignition Temperature:** Not Applicable

**Flash Points:** Not Applicable

**Flammable Limits (LFL/UFL):** Not Applicable

**Products of Combustion:** emits Na<sub>2</sub>O and CO<sub>2</sub> fumes when heated to decomposition.

**Extinguishing Media:** Non-combustible material. Use extinguishing media appropriate for surrounding fire.

**Section 6: Accidental Release Measures**

Scoop up into dry, clean containers for reuse or landfill disposal. Remove remaining dust with a wet cloth and neutralize large residues with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Use of water to clean up soap release may result in slippery surfaces.

**Section 7: Handling and Storage**

Store in cool, dry areas away from incompatible substances (acids). Keep away from extreme temperatures. Do not ingest or breathe dust.

**Section 8: Exposure Controls and Personal Protection**

**Note:** No special controls or protection needed for handling household amounts of soap.

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels of dust particles below 15 mg/m<sup>3</sup>. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants lower than 15 mg/m<sup>3</sup>.

**Personal Protection:** for handling large amounts, use splash goggles, lab coat, gloves, and dust mask/respirator to avoid skin, lung, and eye irritation from dusts.

**Exposure Limit:** OSHA PEL - General Industry: 15 mg/m<sup>3</sup> for nuisance dust

**Section 9: Physical and Chemical Properties**

**Physical state/appearance:** Solid off-white bars and powder

**Odor:** Odorless.

**Bulk Density:** Not Available

**pH as is:** Not Applicable

**pH (1% soln/water):** Not Available [Basic]

**Boiling Point:** Not Available.

**Melting Point:** Not Available

**Critical Temperature:** Not available.

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Solubility in water:** Soluble

**Section 10: Stability and Reactivity**

Stable under normal conditions. Avoid high heat and moisture.

**Incompatible Materials:** Strong oxidizers, strong acids. Reacts with acids to yield carbon dioxide.

**Hazardous Decomposition Products:** decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, sodium oxide, hydrocarbons, fumes, and smoke may be produced.

**Hazardous Polymerization:** Not Applicable

**Section 11: Toxicological Information**

**General Information:** Adverse effects on human health are not to be expected in normal use.

**Routes of Exposure:** Eye contact, ingestion, inhalation of dust, prolonged skin exposure

**Eye Effects:** Eye irritant upon contact with powder or significant amounts of dust from powder.

**Skin Effects:** Moderate skin irritant on prolonged or repeated contact

**Acute Inhalation:** Dusts inhaled may cause mucous membrane and upper respiratory irritation.

**Acute Oral/Ingestion Effects:** May cause irritation of gastrointestinal tract such as vomiting or abdominal pain.

**Toxicity to Animals:** Not Available

**Section 12: Ecological Information****Ecotoxicity:** Not Available**BOD5 and COD:** Not Available**Persistence in Environment:** This product is not expected to persist in the environment.**Bioaccumulation:** This product is not expected to bioaccumulate.**Section 13: Disposal Considerations**

Dispose of waste in accordance with federal, state, and local environmental regulations.

No special disposal considerations are expected for empty containers.

**Section 14: Transport Information**

DOT: not a DOT controlled material (United States)

Identification: Not Applicable

Special Provisions for Transport: Not Applicable

**Section 15: Regulatory Information**

CLEAN AIR ACT SECTION 611: Material neither contains nor is it manufactured with ozone depleting substances (ODS).

OSHA: Not hazardous under 29 CFR 1910.1200

RCRA: Not a hazardous material or a hazardous waste by listing or characteristic.

TSCA Inventory List: Ingredients are reported in the EPA Inventory List

HMIS (USA): Health Hazard: 1 Flammability: 0 Reactivity: 1

**Section 16: Other Information**

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