



Safety Data Sheet – Laundry Powder, Unscented

Section 1: Chemical Product and Company Identification

Product Name: Laundry Powder, Unscented

Manufacturer Name: Meliora K, LLC

Catalog Codes: RHLP, LP-TRVL2, LP-20, LP-64, LP-R, LP-X

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

Recommended Use: Consumer use for laundry and fabric care

Phone Number: 312-721-8002

Restrictions on Use: None

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

Composition:

Name	CAS #	% By Weight
Sodium Carbonate (Washing Soda)	497-19-8	43%
Sodium Bicarbonate (Baking Soda)	144-55-8	44%
Vegetable Soap*	various; see below	13%

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 swallowed, 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 Na₂O and CO₂ 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.

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. Laundry Powder ingredients will react with acids to yield carbon dioxide gas which can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide levels have been determined to be safe.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels of dust particles below 15 mg/m³. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants lower than 15 mg/m³.

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/m³ for nuisance dust

Section 9: Physical and Chemical Properties

Physical state/appearance: Solid white to off-white powder

Critical Temperature: Not available.

Odor: Odorless.

Vapor Pressure: Not applicable.

Bulk Density: 1.05 g/cc

Vapor Density: Not available.

pH as is: Not Applicable

Volatility: Not available.

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

Odor Threshold: Not available.

Boiling Point: Not Available.

Water/Oil Dist. Coeff.: Not available.

Melting Point: 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: (note: conservative estimate based on values for sodium carbonate) Acute oral toxicity (LD50): 4090mg/kg [rat]. Acute toxicity of the dust (LC50): 1200mg/kg [mouse].

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), conservative values based on constituent ingredients: Health Hazard: 2 Flammability: 0 Reactivity: 1

Section 16: Other Information

Last Updated: July 5, 2016

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Meliora K be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising.