

# Uncle Earl's™ Soaps

## MATERIAL SAFETY DATA SHEET: MSDS A3 rev1

### Section 1a: Company

Zebra Skimmers Corp.  
27000 Richmond Rd., Units 1-4  
Solon, Ohio 44139

Corporate Contact Phone: 440.349.0141

### Section 1b: Product

**PRODUCT TYPES:** Solid bar, weighing 100 grams, measuring 2.5 x 5 x 16 cm. This product is a soft bar with pleasant fragrance whose color varies from dark tan to light yellow or green. Liquid, various volume containers. Foam, also various volume containers. Foam Refills, normally in 1 liter containers. **TRADE NAMES/SYNONYMS:** Uncle Earl's soap for Machinists, Uncle Earl's soap for Mechanics, Uncle Earl's soap for Woodworkers, Uncle Earl's soap for Gardeners, Uncle Earl's soap for Vintners, Uncle Earl's soap for Artists, Uncle Earl's soap for Hunters, Uncle Earl's soap for Fishermen, and Uncle Earl's soap for Hard Working Hands. Note that "Uncle Earl's", "Uncle Earl's Soap," and "Uncle Earl's Soap for Hard Working Hands" are all trademarks of the Zebra Skimmers Corporation. **CHEMICAL FAMILY:** Solid bar of saponified oils. **I.D. NUMBERS:** ARNLUSWH, BKNLUSWH, FSNLUSWH, GDNLUSWH, GDNLLZCR, GDNLOGOR, GDNLLVLV, GDSSSGGR, HTNLUSOR, MANLUSWH, MANLLSCR, MANLOZOR, MENLUSWH, MENLLSCR, MENLOZOR, WWNLUSWH, WWNLLSCR, WWNLOZOR, WRNLUSLV.

### Section 2: Hazard Identification

**EMERGENCY OVERVIEW:** CAUTION: If liquified, contact with the eyes may cause eye irritation. Prolonged exposure with skin may cause irritation. No significant environmental effects. Not a fire hazard. Product is stable. This product is labeled in accordance with guidelines set forth in the Food, Drug, and Cosmetic Act. The way this product is handled in the workplace is not usually the same way its used by consumers. Therefore, the requirements of the Occupational Safety and Health Administration applicable to this Material Safety Data Sheet may differ from the requirements of the FD&C Act. So this MSDS may contain additional health hazard information not found on the product label.

**REGULATORY STATUS:** While this product is not considered hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200), this MSDS includes information critical for safe handling and use. Please retain this MSDS for employees and other users of this product.

**POTENTIAL HEALTH EFFECTS:** NOTE: The acute health effects described below are those which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and/or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated. **EYE CONTACT:** Direct contact with soap may cause irritation with redness, pain, blurred vision, and possibly corneal injury. **SKIN CONTACT:** Non irritating to intact skin. Absorption through large areas of damaged skin may produce symptoms similar to those following ingestion. **INGESTION:** May cause gastrointestinal disturbances such as headache, nausea, vomiting, abdominal pain, and diarrhea, with delayed effects of skin redness and peeling. **INHALATION:** In whole form, inhalation is unlikely. In the extreme case that some environmental conditions allow this product to be airborne, it's possible that inhalation may cause irritation with sore throat, sneezing, coughing and shortness of breath. **CHRONIC HEALTH EFFECTS:** No chronic health effects are expected from the intended use of these products or from foreseeable handling of them in the workplace. **MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions or respiratory illnesses. **POTENTIAL ENVIRONMENTAL EFFECTS:** See Section 12: Ecological Information.

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### Section 3: Composition / Ingredients

**Based on hazard evaluations, none of the following chemicals in this product have been identified as hazardous.** a) Vegetable oils (combination of soybean, canola, corn, and other vegetables). CAS# 8001-30-7, 120962-03-0, 8001-22-7 b) variety of naturally derived fatty acids, CAS# 544-63-8 c) Coconut oil, CAS# 84971-48-8 d) Castor oil, CAS# 8001-79-4 e) Various fragrances may also be used in the non-hypoallergenic products, ranging from Lavendula Officinalis (CAS# 8000-28-0), to Cymbopogon flexuosus (CAS# 8007-02-1). All fragrances are used in such small quantities within the product such that their hazardous effects are all but negated. Furthermore, **all ingredients used in Uncle Earl products are created naturally**, not industrially. For further information on any particular ingredient contact our office directly.

### Section 4: First Aid

**EYES:** Rinse eyes immediately with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Get medical attention if pain or irritation persists. **SKIN:** Rinse affected area with plenty of water until no evidence of product remains. Get medical attention if irritation persists. **INGESTION:** Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center. **INHALATION:** Remove from exposure area to fresh air. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately. **NOTE TO PHYSICIAN:** The physician's judgment should be used to control symptoms and clinical condition based on the patient's reactions.

### Section 5: Fire Fighting

**FLAMMABLE PROPERTIES:** **OSHA FLAMMABILITY CLASSIFICATION:** Not applicable **FLASH POINT:** None **UPPER FLAMMABILITY LIMIT:** Not applicable **LOWER FLAMMABILITY LIMIT:** Not applicable **AUTO-IGNITION TEMPERATURE:** Not applicable **FIRE AND EXPLOSION HAZARD:** The fire hazard for this product has not been determined. The hazards of the components with the most severe hazards are: Slight fire hazard when exposed to heat or flame. **HAZARDOUS DECOMPOSITION PRODUCTS:** Has not been determined. **EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, water spray or regular foam. For larger fires, use water spray, fog or regular foam. **PROTECTION OF FIREFIGHTERS:** In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing vapors, keep upwind.

### Section 6: Accidental Release Response

**PERSONAL PRECAUTIONS:** Wear skin, eye and respiratory protection as recommended in Section 8. Stop or reduce any leaks if it is safe to do so. Spills present a slipping hazard. Keep unnecessary personnel away. Ventilate spill area if possible. Ensure clean-up is conducted by trained personnel only. Make sure area is slip-free before re-opening to traffic. **ENVIRONMENTAL PRECAUTIONS:** Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities. **METHODS FOR CONTAINMENT AND CLEAN UP:** **SMALL SPILLS** - Sweep or scoop up and place into suitable clean, dry containers for reclamation or later disposal. Wash site of spillage thoroughly with water. **LARGE SPILLS** - Sweep or scoop up. Dispose in suitable waste container. Keep unnecessary people away from spill.

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### Section 7: Handling and Storage

**HANDLING:** Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Keep the containers closed when not in use. **STORAGE:** Store in original containers in a cool dry area. Store away from excessive heat and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use.

### Section 8: Exposure Control / Personal Protection

**This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use. The information provided below refers to the occupational settings.**  
**WORKER EXPOSURE LIMITS:** The following exposure limits exist for the ingredients listed below. The TLV-TWA is the ACGIH Threshold Limit Value – Time Weighted Average. TLV-Ceiling Limit is the ACGIH Threshold Limit Value – Ceiling Limit. PEL-TWA is the OSHA Permissible Exposure Limit. TLV-STEL is the ACGIH Short Term Exposure Limit.

**INGREDIENT, CAS NUMBER, and EXPOSURE LIMIT** for Soap Dust and Particles Not Otherwise Specified (67701-11-5 & 67701-10-4): TLV-TWA: 10 mg/m<sup>3</sup> (total dust), TLV-TWA: 3 mg/m<sup>3</sup> (respirable fraction), PEL-TWA: 15 mg/m<sup>3</sup> (total dust), PEL-TWA: 5 mg/m<sup>3</sup> (respirable fraction).

**RESPIRATOR:** Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits. If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).

**FOR FIRE FIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS:** Any self contained breathing apparatus that has a full-face piece and is operated in a pressure-demand or other positive-pressure mode. Any supplied-air respirator that has a full-face piece and is operated in a pressure-demand or other positive pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure demand or other positive-pressure mode.

**CLOTHING:** Protective clothing is required where repeated or prolonged skin contact may occur. **GLOVES:** Protective gloves are required where repeated or prolonged skin contact may occur. **EYE/FACE PROTECTION:** Safety glasses are required to prevent eye contact.

### Section 9: Physical and Chemical Properties

**APPEARANCE:** Solid tan bar. See Section 1b for details. **ODOR/ODOR THRESHOLD:** Pleasant fragrance. **PHYSICAL STATE:** Solid. **pH** (@ 25°C): 7.5-8.0 (1% Solution). **VAPOR DENSITY:** Not available. **BOILING POINT:** Not available. **VAPOR PRESSURE:** Not available. **MELTING / FREEZING POINT:** Not available. **FLASH POINT:** Not applicable. See Section 5 for details. **FLAMMABLE PROPERTIES:** Not applicable. See Section 5 for details. **SOLUBILITY IN WATER:** ~ 5% @ 20°C. **DENSITY / SPECIFIC GRAVITY:** Not applicable. **EVAPORATION RATE:** Not available. **OCTANOL / WATER PARTITION COEFFICIENT:** Not available. **VISCOSITY** (Dynamic): Not available.

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## Section 10: Stability and Reactivity

**CHEMICAL STABILITY:** Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

**CONDITIONS TO AVOID:** Avoid contact with incompatible substances and excessive heat. **INCOMPATIBLE MATERIALS:** Calomel or mercurous chloride (Untested on this product). Note that this mineral is rarely found in nature. **HAZARDOUS**

**DECOMPOSITION PRODUCTS:** Thermal decomposition may release toxic and/or hazardous gases. **POSSIBILITY OF**

**HAZARDOUS REACTIONS:** Hazardous polymerization has not been reported to occur under normal temperatures and pressures

## Section 11: Toxicology

**PRODUCT INFORMATION SUMMARY:** This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use. Direct contact with eyes may cause eye irritation. Repeated or prolonged excessive exposure with skin may cause irritation. **COMPONENT ANALYSIS:** The

following toxicity information is for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings. Note that none of these products have been tested for acute sensitivity on animals or humans. **SENSITIZATION:** This product is not considered a skin or respiratory sensitizer. **CARCINOGENICITY:** None of

the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). **MUTAGENICITY:** None

of the ingredients in this product are known to cause mutagenicity. **REPRODUCTIVE/FETAL/DEVELOPMENTAL TOXICITY:** None of the ingredients in this product are known as reproductive, fetal, or developmental hazards. **TARGET**

**ORGAN TOXICITY:** None of the ingredients in this product are known to have target organ toxicity. **EPIDEMIOLOGICAL INFORMATION:** None of the ingredients in this product are known to have health-related information in working

populations.

## Section 12: Ecology

**This product is anticipated to be safe** for the environment at concentrations predicted in household settings under normal use conditions. No toxicity information is available for the hazardous ingredient(s). **ENVIRONMENTAL FATE:** No environmental fate data exists for the product. The product is rapidly biodegradable. **PERSISTENCE AND**

**DEGRADABILITY:** The persistence and degradability of this product has not been determined. **BIOACCUMULATION POTENTIAL:** The bioaccumulation potential of this product has not been determined. **MOBILITY:** The mobility of this

product (in soil and water) has not been determined.

## Section 13: Disposal Considerations

**WASTE NUMBER AND DESCRIPTION:** Not applicable, not regulated. **DISPOSAL CONSIDERATIONS:** This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

## Section 14: Transportation

**GROUND TRANSPORT** DOT Hazard Class: Not regulated Packing Group: Not applicable. DOT Proper Shipping Name:

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Not applicable Shipping Label Information: Not applicable. UN/NA Number: Not applicable **AIR TRANSPORT (ICAO/IATA) MARINE TRANSPORT (IMDG/IMO)** ICAO/IATA Hazard Class: Not regulated IMDG/IMO Hazard Class: Not regulated ICAO/IATA Proper Shipping Name: Not applicable IMDG/IMO Proper Shipping Name: Not applicable.

### Section 15: Regulations

**UNITED STATES:** OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200: The Occupational Safety and Health Administration requires Material Safety Data Sheets to provide any hazards that may be associated with the product, and make this information available in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this MSDS may contain additional health hazard information not pertinent to consumer use. **FOOD AND DRUG ADMINISTRATION:** This product is regulated as a cosmetic under the Food and Drug Administration. **EPA - SARA TITLE III SECTION 313:** Not applicable - Consumer product. **EPA CERCLA/SARA TITLE III SUPERFUND AMENDMENT AND REAUTHORIZATION ACT:** This product contains no CERCLA/SARA Title III materials. This product contains no hazardous chemicals reportable under Sections 311/312. This product contains no hazardous chemicals reportable under Section 304. **TSCA:** All components of this product are either listed on or exempt from the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory. **STATE REGULATIONS CALIFORNIA PROPOSITION 65:** This product does not contain substances listed under California Proposition 65. **CANADA:** CANADIAN ENVIRONMENTAL PROTECTION ACT: INVENTORY STATUS: Some components of this product are not listed on the Canadian Domestic Substances List (DSL) nor the NDSL. **HEALTH CANADA:** This product is regulated as a cosmetic product under the Cosmetics Programme. **WORKER HAZARDOUS MATERIALS INFORMATION SYSTEM: WHMIS CLASSIFICATION:** Not subject to classification.

### Section 16: Miscellaneous

**DISCLAIMER: This information is provided in good faith and is believed to be correct.** However, ZSC makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, ZSC will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied of merchantability, fitness for a particular purpose or of any other nature is made hereunder with respect to the information set forth herein or to the product to which the information refers.

<b>Hazard Ratings</b> (from 0 - 4, where 4= high / severe degree of hazard)			
Category-->	Health	Flammability	Reactivity
HMIS	1	1	0
NFPA	1	1	0

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