

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name: Plumbset Wax Bowl Ring

Product Code: 59010 (without flange); 59011 (with flange)

Product Use: Wax Bowl Ring



Manufacturer: LA-CO Industries, Inc.
1201 Pratt Boulevard
Elk Grove Village, IL.
60007-5746
E-mail Contact: customer_service@laco.com

Phone Number: (847) 956-7600

Fax: (847) 956-9885

24-hour Emergency: CHEMTREC: (800) 424-9300

Section 2: Hazards Identification

Protective Clothing	NFPA Rating (USA)	EU Classification	WHMIS (Canada)	Transportation
		Not Classified as Hazardous	Not Controlled	Not Regulated

Emergency Overview: Product may burn when heated or if involved in a fire. Hot wax can cause burns to eyes and skin.

Appearance, Color and Odor: amber colored wax ring nearly odorless

USA: This product is not a hazardous material as defined by 29 CFR1910.1200, OSHA Hazard Communication Standard.

Canada: This is not a controlled product under WHMIS.

European Union (EU): This product is not classified as hazardous according to Directive 1999/45/EC and its amendments and Regulation (EC) No 1272/2008.

While this product is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Potential Health Effects: **ACUTE (short term): see Section 8 for exposure controls**

Relevant Route(s) of Exposure: Skin contact.

Inhalation: Inhalation is not expected with normal use.
Extreme heating of the product can release irritating fumes.

Ingestion: Components of the product have low oral toxicity. May cause nausea, vomiting and diarrhea if swallowed.

Skin: Contact with the heated product can cause thermal burns.

Eye: Heated product can cause burns. Fumes from heated wax may cause eye irritation.

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Section 2: Hazards Identification (continued)

CHRONIC (long term): see Section 11 for additional toxicological data

Prolonged or repeated skin contact may cause dermatitis. Poor personal hygiene can result in wax plugging skin follicles and producing pus-forming skin infections known as "wax-boils."

Medical Conditions Aggravated by Exposure: Skin contact may aggravate an existing dermatitis.

Interactions With Other Chemicals: May react with strong oxidizing agents.

Potential Environmental Effects: Not available

Section 3: Composition / Information on Ingredients

Hazardous Ingredients:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt.%</u>	<u>EINECS / ELINCS</u>	<u>Symbol</u>	<u>Risk Phrases</u>
Wax, microcrystalline	63231-60-7	60 - 100	264-038-1/429-350-6		Not applicable

Section 4: First Aid Measures

Inhalation: If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.

Eye Contact: If irritation occurs, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Skin Contact: If irritation does occur, wash with soap and lukewarm, gently flowing water. If irritation persists, obtain medical advice.

Ingestion: Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. **DO NOT INDUCE VOMITING.** If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Quickly transport victim to an emergency care facility.

Section 5: Fire Fighting Measures

Flammable Properties: Product can burn if strongly heated. Molten product can float on water and may travel to distant locations and/or spread fire.

Suitable extinguishing Media: Carbon dioxide, dry chemical powder, appropriate foam, water fog. Foam manufacturers should be consulted for recommendations regarding types of foams and application rates.

Unsuitable extinguishing Media: Straight water streams may cause spattering of hot, combustible liquid and may spread the fire.

Explosion Data:

Sensitivity to Mechanical Impact: Not applicable

Sensitivity to Static Discharge: Not available

Specific Hazards arising from the Chemical: Thermal decomposition products are highly dependent on fire conditions. During a fire, irritating and/or toxic substances, such as sulfur, nitrogen and phosphorus oxides, reactive hydrocarbons and polycyclic aromatic hydrocarbons (PAHs). Containers may rupture violently when exposed to fire or excessive heat for sufficient time.

Protective Equipment and precautions for firefighters: Self-contained breathing apparatus and protective clothing should be worn. Remove all unprotected personnel. Move containers from fire area if you can do it without risk.

NFPA

Health: 1
Flammability: 2
Instability: 0

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Section 6: Accidental Release Measures

- Personal Precautions:** Wear adequate personal protective equipment as indicated in Section 8. Spilled product may pose a slipping hazard.
- Environmental Precautions:** Minimize entry of material into sewers and drainage systems.
- Methods for Containment:** Contain spill immediately using a suitable inert absorbent material.
- Methods for Clean-up:** Scrape or scoop product and absorbent and place in a secure container for proper disposal.

Section 7: Handling and Storage

- Handling:** Avoid contact with eyes and skin; do not breathe in fumes. Wash thoroughly with detergent and water after handling, before eating, drinking, smoking or using the toilet. Remove contaminated clothing and wash before reuse. Keep out of reach of children.
- Storage:** Store in a cool, dry area, out of direct sunlight and away from heat, flames and ignition sources. Store away from strong oxidizing materials. Keep containers closed when not in use.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Exposure to airborne component substances is not expected unless product is strongly heated, generating fume. Consult local authorities for acceptable exposure limits.

<u>Ingredient</u>	<u>ACGIH TLV (8-hr. TWA) mg/m³</u>	<u>U.S. OSHA PEL (8-hr. TWA) mg/m³</u>	<u>Ontario(Canada) TWAEV mg/m³</u>
Paraffin wax, fume	2	2	2

Exposure Controls

- Engineering Controls:** If product is heated, provide adequate ventilation to control fumes.
- Personal Protection:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 529 or Canadian Standards Association (CSA) Standard Z94.4-02 must be followed whenever workplace conditions warrant a respirator's use.
- Respiratory Protection:** Not required for normal use.
- Eye/Face Protection:** When handling hot product, wear safety glasses with side shields.
- Skin Protection:** Wear thermal protective gloves when handling hot wax product. Wear boots, apron and body-covering clothing when needed to prevent skin contact with heated product.
- Other Protective Equipment:** Not required for normal use.
- General Hygiene Measures:** Avoid breathing fumes generated from heated product. Do not eat, drink or smoke in work areas. Wash hands after handling this product.

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Section 9: Physical and Chemical Properties

Physical State:	Paste	Flash Point & method:	150°C (300°F)
Appearance, Color and Odor:	Beige putty	Autoignition Temperature:	Not available
Odor Threshold:	Not available	Flammability Limits in Air:	Not available
pH:	Not applicable	Vapor Pressure:	<0.001 mm Hg @20°C (68°F)
Relative density: (water = 1)	2.14	Vapor Density: (Air = 1)	>5.0
Partition coefficient: (n-octanol/water)	Not available	Evaporation Rate: (n-Butyl Acetate = 1)	Not available
Solubility:	Insoluble in water.	Boiling Point/Range:	>260°C (>500°F)
Viscosity:	Not available	Melting Point:	Not available
Decomposition Temperature:	Not available	VOC Content:	Not available

Section 10: Stability and Reactivity

Chemical Stability:	Stable at normal room temperature.
Conditions to Avoid:	Avoid extreme heat and open flames.
Incompatible Materials:	Incompatible with strong oxidizers.
Hazardous Decomposition Products:	When heated to decomposition irritating and toxic vapors may be generated.
Possibility of Hazardous Reactions:	Not available

Section 11: Toxicological Information

Acute Toxicity Data

	<u>LD₅₀ Oral</u> (mg/kg)	<u>LD₅₀ Dermal</u> (mg/kg)	<u>LC₅₀ Inhalation</u> (4 hrs.)
Microcrystalline wax	10 000 (rat)	>3 600 (rabbit)	Not applicable

Other Toxicity Data:

<u>Carcinogenicity:</u>	Normal use of this product will not result in exposure to any component that is considered a human carcinogen by IARC (International Agency for Research on Cancer), ACGIH (American Conference of Governmental Industrial Hygienists, OSHA or NTP (National Toxicology Program).
Irritation:	Not applicable
Corrosivity:	Not applicable.
Sensitization:	Not applicable.
Neurological Effects:	Not applicable.
Genetic Effects:	Not available
Reproductive Effects:	Not available
Developmental Effects:	Not available
Target Organ Effects:	Not available

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Section 12: Ecological Information

Ecotoxicity:	Not available
Persistence/Degradability:	Product is not readily biodegradable.
Bioaccumulation/Accumulation:	Not available
Mobility:	Not available

Section 13: Disposal Considerations

Waste Disposal Method:	Do NOT dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage. The conditions of use, storage and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, LA-CO Industries, Inc. does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.
USA:	Dispose of in accordance with local, state and federal laws and regulations.
Canada:	Dispose of in accordance with local, provincial and federal laws and regulations.
EU:	Waste must be disposed of in accordance with relevant EU Directives and national, regional and local environmental control regulations. For disposal within the EU, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Section 14: Transport Information:

U.S. Hazardous Materials Regulation (DOT 49CFR):	Not regulated
Canadian Transportation of Dangerous Goods (TDG):	Not regulated
ADR/RID:	Not regulated
IMDG:	Not regulated
ICAO/IATA:	Not regulated

Section 15: Regulatory Information

<u>USA</u>	
TSCA Status:	Listed on the TSCA inventory.
SARA Title III	
Sec. 302/304:	None
Sec. 311/312:	Not applicable
Sec. 313:	Not applicable
CERCLA RQ:	Not applicable
<u>Canada</u>	
	This product has been classified in accordance with the hazard criteria of the <i>Controlled Products Regulations</i> and the SDS contains all the information required by the <i>Controlled Products Regulations</i> .
WHMIS Classification:	Not controlled
New Substance Notification Regulations:	All ingredients in the product are listed, as required, on Canada's Domestic Substances List (DSL).
NPRI Substances:	Not applicable
<u>EU Classification</u>	
European Inventories:	Listed in EINECS & ELINCS (AL-3) This product is not classified as hazardous.



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Section 16: Other Information

Preparation Information:

Prepared by: LEHDER Environmental Services Limited 519-336-4101
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