

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name: All Weather® Meat Marker

Product Code: 62101 Blue
62102 Purple

Product Use: For marking on meat in meat processing facilities


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

Phone: (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 Required for Normal Use		Not Classified as Dangerous	Not Controlled	Not Regulated

Emergency Overview: Exposure to hazardous or dangerous substances is not expected when handling this article for its intended use.

Appearance, Color and Odor: Cylindrical blue or purple stick, odorless.

USA: This product is not a hazardous material as defined by 29 CFR1910.1200, OSHA Hazard Communication Evaluation. This product meets the definition of an "article".

Canada: This is not a controlled product under WHMIS. This product meets the definition of a "manufactured article" and is not subject to the regulations of the Hazardous Products Act.

European Union (EU): This product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Potential Health Effects: **ACUTE (short term):**

Relevant Route(s) of Exposure: Skin contact.

Inhalation: Exposure to hazardous substances by inhalation is not expected with normal use of the product. Prolonged heating of this product, at temperatures above its melting point, may evolve fumes which may irritate the respiratory tract and mucous membranes.

Ingestion: Not an expected route of occupational exposure. Acute oral toxicity of the component substances is low. Accidental swallowing may cause abdominal cramps, nausea and diarrhea.

Skin: Normal use of product will not result in harmful effects.

Eye: Not an expected route of occupational exposure.

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

Long-term health effects are not expected with normal use of the product.

Medical Conditions Aggravated by Exposure: Not applicable

Interactions With Other Chemicals: Not available

Potential Environmental Effects: Not available

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Section 3: Composition / Information on Ingredients

Chemical Name	CAS No.	Wt. %	EINECS	Symbol	Risk Phrases
Product is an article; proprietary blend of a non-hazardous dicalcium phosphshate, cellulose and pigment ingredients. No hazardous ingredients by OSHA, WHMIS and EU criteria					

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: No effects expected. If irritation occurs, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Skin Contact: No health effects expected. If irritation does occur, obtain medical advice.

Ingestion: If irritation or discomfort occurs, obtain medical advice immediately.

Section 5: Fire Fighting Measures

Flammable Properties: Product will burn if involved in a fire but does not ignite readily.

Suitable extinguishing Media: For small fires, use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. For large fires, use carbon dioxide, dry chemical powder, alcohol-resistant foam or polymer foam. Use water spray to cool fire-exposed containers.

Unsuitable extinguishing Media: Not available

Explosion Data:

Sensitivity to Mechanical Impact: Not applicable

Sensitivity to Static Discharge: Not applicable

Specific Hazards arising from the Chemical: If involved in a fire, combustion may produce toxic and irritating fumes and gases. Vapors generated from molten product may be irritating to eyes, respiratory system and skin.

Protective Equipment and precautions for firefighters: Self-contained breathing apparatus and protective clothing should be worn. Remove all unprotected personnel.

NFPA

Health:	0
Flammability:	1
Instability:	0

Section 6: Accidental Release Measures

Personal Precautions: Spilled product may pose a slipping hazard.

Environmental Precautions: Prevent the product from entering sewers or waterways.

Methods for Containment: Not applicable

Methods for Clean-up: Pick up spilled product and collect for re-use or proper disposal. Dispose of any contaminated, unusable product as described in Section 13 of this SDS.

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Section 7: Handling and Storage

- Handling:** Users of this product should be properly trained and qualified in its use. If the product is melted during use, care must be taken to avoid skin and eye contact to prevent thermal burns. Use with adequate ventilation. Keep out of reach of children.
- Storage:** Store in a dry area, out of direct sunlight and away from extreme heat, flames and ignition sources. Keep containers closed when not in use.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Measurable airborne concentrations of the component substances are not expected when the product is used for its intended purpose.

Exposure Controls

- Engineering Controls:** Not required for normal use.
- Personal Protection:**
- Eye/Face Protection:** No special requirements. Wear suitable protection for related activities where this product is used.
 - Skin Protection:** No special requirements. Wear suitable protection for related activities where this product is used.
 - Respiratory Protection:** No special requirements. Wear suitable protection for related activities where this product is used.
- General Hygiene Measures:** Avoid contact with the skin and breathing vapors. Do not ingest. Keep out of reach of children.

Section 9: Physical and Chemical Properties

Physical State:	Solid cylindrical stick	Flash Point & method:	Not available
Appearance, Color and Odor:	Blue or purple stick, odorless.	Autoignition Temperature:	Not available
Odor Threshold:	Not available	Flammability Limits in Air:	Not available
pH:	Not applicable	Vapor Pressure:	Not available
Specific Gravity:	>1	Vapor Density:	Not available
Partition coefficient: (n-octanol/water)	Not available	Evaporation Rate:	Not available
Solubility in water:	Insoluble	Boiling Point/Range:	Not available
Viscosity:	Not applicable	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:** Do not use in conditions of extreme heat or near open flames.
- Incompatible Materials:** Not available
- Hazardous Decomposition Products:** Not available
- Possibility of Hazardous Reactions:** Not applicable

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Section 11: Toxicological Information

<u>Acute Toxicity Data</u>	Acute toxicity data is not available. Acute toxicity of the component substances is low.
<u>Other Toxicity Data</u>	
Carcinogenicity:	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 applicable
Reproductive Effects:	Not applicable
Developmental Effects:	Not applicable
Target Organ Effects:	Not applicable

Section 12: Ecological Information

Ecotoxicity:	Not available
Persistence/Degradability:	Not available
Bioaccumulation/Accumulation:	Not available
Mobility:	Not available

Section 13: Disposal Considerations

Waste Disposal Method:	<p>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.</p> <p>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.</p> <p>Waste must be disposed of in accordance with relevant EU Directives and national, regional and local environmental control regulations.</p>
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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
Marine Pollutants:	Not applicable
ICAO/IATA:	Not regulated

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Section 15: Regulatory Information

USA

TSCA Status: All component substances are listed on the TSCA inventory.

SARA Title III

Sec. 302/304: None

Sec. 311/312: None

Sec. 313: None

CERCLA RQ: None

Canada

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

WHMIS Classification: Not controlled. Product meets the definition of a “manufactured article” and is not subject to the regulations of the Hazardous Products Act.
(for workplace exposures)

New Substance Notification Regulations: Component substances are listed on Canada’s Domestic Substances List (DSL).

NPRI Substances: Not applicable

EU Classification for the Preparation

European Inventories: All component substances are listed in EINECS or are exempt.

Symbol: This article is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Australia

Under NICNAS, this product is an article.

Section 16: Other Information

Preparation Information:

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