**H Paintstik® Blue, White, Yellow**

**LA-CO Industries, Inc.**

根据《联邦注册》/第77卷，第58期/周一，3月26日，2012年/规则和规定
根据加拿大危害性产品法规（HPR）

**日期：**03/05/2015

**版本：**1.0

**SDS Ref.：**LACO1501006

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

1.1. **Product identifier**

   - **Product form**: Mixture
   - **Product name**: H Paintstik® Blue, White, Yellow

1.2. **Relevant identified uses of the substance or mixture and uses advised against**

   **Use of the substance/mixture**: Marking.

1.3. **Details of the supplier of the safety data sheet**

   **LA-CO Industries, Inc.**
   1201 Pratt Boulevard
   Elk Grove Village, IL. 60007-5746
   Phone: (847) 956-7600
   Fax: (847) 956-9885
   E-mail: customer_service@laco.com

1.4. **Emergency telephone number**

   **Emergency number**: 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

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**SECTION 2: Hazards identification**

2.1. **Classification of the substance or mixture**

   - **Classification in accordance with the Globally Harmonized Standard**
     - **Eye Irrit. 2A**: H319
     - **Full text of H-phrases**: see section 16

2.2. **Label elements**

   - **GHS labelling**
     - **Hazard pictograms (GHS)**: ![GHS07]
     - **Signal word (GHS)**: Warning
     - **Hazard statements (GHS)**: H319 - Causes serious eye irritation
     - **Precautionary statements (GHS)**:
       - P264 - Wash hands thoroughly after handling
       - P280 - Wear protective gloves, eye protection
       - P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
       - P337+P313 - If eye irritation persists: Get medical advice/attention

2.3. **Other hazards**

   - **No additional information available**

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**SECTION 3: Composition/Information on ingredients**

3.1. **Substance**

   - **Not applicable**

3.2. **Mixture**

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>GHS classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium dihydrogenpyrophosphate</td>
<td>(CAS No) 7758-16-9</td>
<td>25.14 White</td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20.73 Yellow</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>23.81 Blue</td>
<td></td>
</tr>
</tbody>
</table>

- **Full text of H-phrases**: see section 16

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05/03/2015 EN (English) SDS Ref.: LACO1501006 1/6
**SECTION 4: First aid measures**

1. **Description of first aid measures**

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact: Wash with plenty of soap and water.

First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: Drink plenty of water. Call a POISON CENTER or doctor/physician if you feel unwell.

2. **Most important symptoms and effects, both acute and delayed**

Symptoms/injuries after inhalation: Inhalation may cause: irritation, coughing, shortness of breath.

Symptoms/injuries after eye contact: Causes serious eye irritation.

3. **Indication of any immediate medical attention and special treatment needed**

All treatments should be based on observed signs and symptoms of distress in the patient.

**SECTION 5: Firefighting measures**

1. **Extinguishing media**

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None known.

2. **Special hazards arising from the substance or mixture**

Fire hazard: No particular fire or explosion hazard.

Reactivity: No dangerous reactions known.

3. **Advice for firefighters**

Firefighting instructions: Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

**SECTION 6: Accidental release measures**

1. **Personal precautions, protective equipment and emergency procedures**

General measures: Avoid creating or spreading dust.

2. **For non-emergency personnel**

Protective equipment: Chemical goggles or safety glasses.

Emergency procedures: Evacuate unnecessary personnel.

3. **For emergency responders**

Protective equipment: Chemical goggles or safety glasses.

Emergency procedures: Ventilate area.

4. **Environmental precautions**

Contains no substances known to be hazardous to the environment.

5. **Methods and material for containment and cleaning up**

For containment: Contain and collect as any solid.

Methods for cleaning up: On land, sweep or shovel into suitable containers.

6. **Reference to other sections**

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

**SECTION 7: Handling and storage**

1. **Precautions for safe handling**

Precautions for safe handling: Avoid breathing dust, fume. Avoid contact with eyes.

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a dry, cool and well-ventilated place.


Incompatible materials: Sources of ignition.

7.3. Specific end use(s)

Marking.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Product</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>H Paintstik® Blue, White, Yellow</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>disodium dihydrogenpyrophosphate (7758-16-9)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). Either local exhaust or general room ventilation is usually required.

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: In case of repeated or prolonged contact wear gloves. Use rubber gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: In case of inadequate ventilation wear respiratory protection. Use air-purifying respirator equipped with particulate filtering cartridges.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>A solid crayon-like marker.</td>
</tr>
<tr>
<td>Colour</td>
<td>Blue, white, Yellow.</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>66 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>151 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>570 °C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>
9.2. Other information
VOC content: 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Keep away from sources of ignition.

10.5. Incompatible materials

10.6. Hazardous decomposition products
Burning produces irritating, toxic and noxious fumes. Thermal decomposition generates: Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified

<table>
<thead>
<tr>
<th>disodium dihydrogenpyrophosphate (7758-16-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified.
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified

Potential adverse human health effects and symptoms
- Inhalation may cause: irritation, coughing, shortness of breath.
- Causes serious eye irritation.
- Skin and eye contact; Inhalation

SECTION 12: Ecological information

12.1 Toxicity

<table>
<thead>
<tr>
<th>disodium dihydrogenpyrophosphate (7758-16-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
No additional information available
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials: Avoid release to the environment.

SECTION 14: Transport information
In accordance with DOT and TDG
Not considered a dangerous good for transport regulations
Proper Shipping Name (ADR): Not applicable

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations
disodium dihydrogenpyrophosphate (7758-16-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations
CANADA
disodium dihydrogenpyrophosphate (7758-16-9)
Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations
disodium dihydrogenpyrophosphate (7758-16-9)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) - Directive 79/831/EEC, sixth Amendment of Directive 67/548/EEC (dangerous substances)

National regulations
H Paintstik® Blue, White, Yellow
All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).
All ingredients are listed in the Toxic Substances Control Act (TSCA).
All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

15.3. US State regulations
No additional information available

SECTION 16: Other information
Indication of changes: Original Document.
Abbreviations and acronyms:

ACGIH (American Conference of Government Industrial Hygienists).
ATE: Acute Toxicity Estimate.
CAS (Chemical Abstracts Service) number.
CLP: Classification, Labelling, Packaging.
EC50: Environmental Concentration associated with a response by 50% of the test population.
GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
LD50: Lethal Dose for 50% of the test population.
OSHA: Occupational Safety & Health Administration.
PBT: Persistent, Bioaccumulative, Toxic.
STEL: Short Term Exposure Limits.
TSCA: Toxic Substances Control Act.
TWA: Time Weight Average.

Other information:

None.

NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard: 1 - Must be preheated before ignition can occur.
NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Eye Irr. 2A</th>
<th>Serious eye damage/eye irritation, Category 2A</th>
</tr>
</thead>
<tbody>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
</tbody>
</table>

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LACO NA GHS SDS

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