1. IDENTIFICATION

Product Identifier: Salicylic Acid Powder USP
Product Code(s): J1451A
Synonyms: 2-Hydroxybenzoic Acid
Recommended Use: For veterinary use only.
Uses Advised Against: Not for use on humans.
Supplier: Jorgensen Laboratories
1450 Van Buren Avenue, Loveland, CO 80538
Phone: (970) 669-2500 or (800) 525-5614 Fax: (970) 663-5042
Emergency Phone Number: U.S. and Canada: (800) 535-5053 International: (352) 323-3500 (INFOTRAC)

2. HAZARDS IDENTIFICATION

Hazard Classifications: Acute Toxicity – Oral: Category 4
Skin Corrosion/Irritation: Category 2
Eye Damage/Irritation: Category 1

Signal Word: DANGER

Hazard Statements: Harmful if swallowed. Cause skin irritation. Causes serious eye damage.

Pictograms:

Precautionary Statements:

Prevention: Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves, eye protection, and face protection.

Response: If swallowed: Call a poison center or doctor if you feel unwell. Rinse mouth.
If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously for water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

Storage: Not applicable.

Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Hazard Not Otherwise Classified: Harmful to aquatic life with long-lasting effects. Avoid release to the environment.

Toxicity Statement: Not applicable.

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Common Name / Synonyms</th>
<th>CAS#</th>
<th>Chemical Formula</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid</td>
<td>2-Hydroxybenzoic Acid</td>
<td>69-72-7</td>
<td>C(_7)H(_6)O(_3)</td>
<td>≥ 98.0</td>
</tr>
</tbody>
</table>

Trade Secret Statement: Not applicable.

### 4. FIRST AID MEASURES

First Aid Procedures:

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician if symptoms occur.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head low so that vomit does not enter lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Skin Contact:** Wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if symptoms occur.

**Eye Contact:** Check for and remove contact lenses, if present and easy to do. Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**General Advice:** Poison information centers in each state can provide additional assistance for scheduled poisons. Ensure that those providing first aid and medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**Symptoms and Effects:** Inhalation may cause coughing, wheezing, drowsiness, and dizziness. Ingestion may cause nausea, vomiting, diarrhea, and thirst. Skin contact may cause irritation. Eye contact may cause irritation, blurred vision, and blindness.

**Immediate Medical Care/ Special Treatment:** Call a doctor or poison control center if you feel unwell or are concerned. Treat symptomatically.

### 5. FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Water spray, dry powder, alcohol resistant foam, carbon dioxide.

**Unsuitable Extinguishing Media:** Do not use a solid (straight) water stream, as it may scatter and spread fire.
Hazardous Combustion Products: Carbon oxides.

Specific Hazards: Excessive thermal conditions may cause decomposition and yield hazardous combustion products listed above.

Special Protective Equipment/Precautions for Firefighters: As in any fire, wear MSHA/NIOSH-approved (or equivalent), self-contained, positive-pressure or pressure-demand breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Protective Equipment: Isolate hazard area and keep unnecessary and unprotected personnel away from the area of the leak or spill. Keep upwind. Wear appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin, and clothing.

Emergency Procedures: In case of chemical emergency, or if unsure how to address an accidental release, consult a professional (see Section 1).

Methods for Containment: Prevent entry into waterways, sewer, basements, or confined areas. Avoid generation of product as dust. Product should not be released to the environment. Contain and recover solid when possible.

Methods for Cleanup: Sweep or collect spill with an inert material (e.g. vermiculite, dry sand, earth, cloth, or fleece) and place in a non-combustible container for reclamation or disposal. Do not flush to sewer. Clean contaminated surface thoroughly. Residues from spills can be diluted with water. Never return spills in original containers for reuse. Clean up in accordance with all applicable regulations.

7. HANDLING AND STORAGE

Handling: Wear personal protective equipment (see Section 8). Use only in well-ventilated areas. Provide sufficient air exchange and/or exhaust in work rooms. Avoid contact with skin, eyes, and clothing. Avoid generation of dust. Do not breathe product dust. Limit exposure to light. Do not ingest. When using, do not eat, drink, or smoke. Keep away from incompatible materials (see Section 10). Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Containers of this material may be hazardous when empty, as they retain product residues. Observe all warnings and precautions listed for this product.

Storage: Store in a cool, dry, ventilated area. Store in a segregated and approved area away from heat and incompatible materials (see Section 10). Store in original container. Keep out of light. Keep containers tightly closed and upright. Keep away from food, drink, and animal foodstuffs. Keep out of the reach of children. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of this product.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits: No information found.

Engineering Controls: Ensure adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Personal Protective Measures:

**Eye/Face Protection:** Wear safety glasses with side shields or safety goggles. Maintain approved eye wash station and accessible rinse facilities in work area.

**Skin Protection:** Wear appropriate chemical resistant clothing (with long sleeves) and appropriate chemical resistant gloves.

**Respiratory Protection:** An air-purifying, NIOSH-approved respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Use a positive-pressure, air-supplied respirator if there is any potential for an uncontrolled release, if exposure levels are unknown, or if any other circumstances exist where air-purifying respirators may not provide adequate protection.

Specific Requirements for Personal Protective Equipment: Ensure that glove material is compatible with this product. This information is available from glove manufacturers.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

*Unless otherwise indicated, all properties are given at 25 °C and standard pressure.*

**Appearance:** White, granulated solid.

**Odor:** Slightly phenolic.

**Odor Threshold:** No information found.

**Formula Weight:** 138.12

**pH:** 2.4 (saturated aqueous solution at 20 °C)

**Melting/Freezing Point:** 159 °C

**Boiling Point/Range:** 211 °C

**Decomposition Temperature:** No information found.

**Flash Point:** 157.2 °C, closed cup

**Auto-ignition Temperature:** 545 °C

**Flammability:** May form explosive concentrations of dust in the air.

**Flammability/Explosive Limits:** No information found.

**Solubility:** Soluble in water, acetone.

**Vapor Pressure:** No information found.

**Vapor Density:** 1 mmHg at 114 °C

**Specific Gravity:** 1.443 (Water = 1)

**Evaporation Rate:** No information found.

**Viscosity:** No information found.

**Partition Coefficient (n-octanol/water):** 2.21

10. **STABILITY AND REACTIVITY**

**Reactivity Data:** No information found.

**Chemical Stability:** Stable under normal conditions. Sensitive to light.
Conditions to Avoid: Excessive heat, excessive exposure to light, incompatible materials.

Incompatible Materials: Strong oxidizing agents, strong bases, iodine, iron compounds.

Hazardous Decomposition Products: Carbon oxides.

Possibility of Hazardous Reactions: May react vigorously or violently with the incompatible materials listed above. Excessive thermal conditions may yield hazardous decomposition products listed above.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Inhalation, ingestion, skin contact, eye contact.

Acute Effects: Corrosive to the eyes. Harmful if swallowed. May be harmful if inhaled or exposed to the skin.

Chronic Effects: Prolonged or repeated exposure may cause mutagenic effects and adverse reproductive effects.

Toxicological Data:
- LD₅₀ Oral, Rat: 891 mg/kg
- LD₅₀ Dermal, Rabbit: > 10,000 mg/kg
- LC₅₀ Inhalation, Rat: > 900 mg/m³ 1 h

Causes severe eye irritation based on animal data.

Causes mild skin irritation based on animal data.

May cause mutagenic effects based on animal data.

May cause reproductive effects based on animal data.

Symptoms of Exposure: Irritation, coughing, wheezing, dizziness, drowsiness, nausea, vomiting, diarrhea, thirst, blurred vision, blindness.

Carcinogenic Effects: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicological Data:
- LC₅₀, Golden Orfe (Leuciscus idus): 90 mg/L 96 h
- EC₅₀, Water Flea (Daphnia magna): 105 mg/L 24 h

Persistence and Degradability: No information found.

Environmental Effects: Harmful to aquatic organisms with long-lasting effects. Avoid exposure to the environment.

13. DISPOSAL INFORMATION

Disposal Instructions: Minimize exposure to product waste (see Section 8). All wastes must be handled in accordance with local, state, and federal regulations.

Contaminated Packaging: Because emptied containers retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

Waste Codes: No information found.
14. TRANSPORT INFORMATION

DOT: Not regulated.

Environmental Hazard Regulations: No information found.

Other Transport Precautions: No information found.

15. REGULATORY INFORMATION

U.S. Federal Regulations:

OSHA: This product is considered a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Inventory: All components of this product are on the U.S. TSCA Inventory.

U.S. EPCRA (SARA Title III):

Section 302: No information found.

Sections 311/312:

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>List (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section 311 – Hazardous Chemical</td>
<td>Yes</td>
</tr>
<tr>
<td>Immediate Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Delayed Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
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</tr>
</tbody>
</table>

Section 313: No information found.

CERCLA Reportable Quantities: No information found.

Canada WHMIS: CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

This SDS is prepared in compliance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Therefore, it complies with the 2015 Workplace Hazardous Materials Information System (WHMIS) as well.
International Inventories:

<table>
<thead>
<tr>
<th>Country or Region</th>
<th>Inventory Name</th>
<th>On Inventory (Yes/No)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that the listed components of this product comply with the inventory requirements administered by the governing country or region.

16. OTHER INFORMATION

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Reason for Revision: Not applicable.