### Section 1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Common Name/ Trade Name</th>
<th>Catalog Number(s).</th>
<th>CAS#</th>
<th>RTECS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipyprone, Monohydrate</td>
<td>YY594, D1327</td>
<td>5907-38-0</td>
<td>PB1320000</td>
<td>TSCA 8(b) inventory: No products were found.</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>SPECTRUM LABORATORY PRODUCTS INC.</td>
<td>14422 S. SAN PEDRO STREET</td>
<td>GARDENA, CA 90248</td>
<td></td>
</tr>
<tr>
<td>Commercial Name(s)</td>
<td>Alginodia, Algopyrine, Analgin, Barone, Bonpyrin, Conmel, Di-Podil, Dimethone, Diprofarn, Diprone, Dyatlon, Hyprone, Keypyrone, Matamizil, Methylmelubrine, Narone, Nartate, Neomelubrine, Bevralgina, Novacid, Novaldin, Novalgin, Novaminsulfon, Novemina, Phdiron, Phralgin, Pyrojec, Sulpyrine, Unagen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Synonym</td>
<td>Metamizole monohydrate; Metamizol monohydrate; (Antipyrinylmethylamino)methanesulfonic acid sodium salt monohydrate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical Name</td>
<td>Methanesulfonic acid (anitpyrinylmethylamino)-, sodium salt, monohydrate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical Family</td>
<td>Not available.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>C13-H16-N3-Na-O4-S.H20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplier</td>
<td>SPECTRUM LABORATORY PRODUCTS INC.</td>
<td>14422 S. SAN PEDRO STREET</td>
<td>GARDENA, CA 90248</td>
<td></td>
</tr>
</tbody>
</table>

**IN CASE OF EMERGENCY**

CHEMTREC (24hr) 800-424-9300

CALL (310) 516-8000

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### Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CAS #</td>
</tr>
<tr>
<td>1) Dipyprone, Monohydrate</td>
<td>5907-38-0</td>
</tr>
</tbody>
</table>

**Toxicological Data on Ingredients**

Dipyprone, Monohydrate

LD50: Not available.

LC50: Not available.

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**Continued on Next Page**
Section 3. Hazards Identification

Potential Acute Health Effects
Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects
Slightly hazardous in case of skin contact (sensitizer).

CARCINOGENIC EFFECTS
Not available.

MUTAGENIC EFFECTS
Mutagenic for bacteria and/or yeast.

TERATOGENIC EFFECTS
Not available.

DEVELOPMENTAL TOXICITY
Not available.

Section 4. First Aid Measures

Eye Contact
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin Contact
In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Get medical attention.

Serious Skin Contact
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation
Not available.

Ingestion
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion
Not available.

Section 5. Fire and Explosion Data

Flammability of the Product
May be combustible at high temperature.

Auto-Ignition Temperature
Not available.

Flash Points
Not available.

Flammable Limits
Not available.

Products of Combustion
These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...), sulfur oxides (SO2, SO3...). Some metallic oxides.

Fire Hazards in Presence of Various Substances
Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards
As with most organic solids, fire is possible at elevated temperatures

Special Remarks on Explosion Hazards
Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

Continued on Next Page
Section 6. Accidental Release Measures

Small Spill
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7. Handling and Storage

Precautions
Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents.

Storage
Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers.

Section 8. Exposure Controls/Personal Protection

Engineering Controls
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection
Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits
Not available.

Section 9. Physical and Chemical Properties

Physical state and appearance
Solid.

Molecular Weight
351.35 g/mole

pH (1% soln/water)
Not available.

Odor
Not available.

Taste
Not available.

Color
Not available.

Boiling Point
Not available.

Melting Point
Not available.

Critical Temperature
Not available.

Specific Gravity
Not available.

Vapor Pressure
Not applicable.

Vapor Density
Not available.

Volatility
Not available.

Odor Threshold
Not available.

Water/Oil Dist. Coeff.
Not available.

Ionicity (in Water)
Not available.

Dispersion Properties
See solubility in water.

Solubility
Soluble in cold water.

Continued on Next Page
Section 10. Stability and Reactivity Data

| Stability | The product is stable. |
| Instability Temperature | Not available. |
| Conditions of Instability | Excess heat, incompatible materials, light |
| Incompatibility with various substances | Reactive with oxidizing agents. |
| Corrosivity | Not available. |
| Special Remarks on Reactivity | Sensitive to light. |
| Special Remarks on Corrosivity | Not available. |
| Polymerization | Will not occur. |

Section 11. Toxicological Information

| Routes of Entry | Inhalation. Ingestion. |
| Toxicity to Animals | LD50: Not available. LC50: Not available. |
| Chronic Effects on Humans | MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. |
| Other Toxic Effects on Humans | Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation. |
| Special Remarks on Toxicity to Animals | Not available. |
| Special Remarks on Chronic Effects on Humans | May affect genetic material (mutagenic). May cause adverse reproductive effects and birth defects (teratogenic). May cause cancer. |
| Special Remarks on other Toxic Effects on Humans | Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. Inhalation: May cause respiratory tract irritation. Ingestion: May cause gastrointestinal tract irritation. May affect behavior/central nervous system (somnolence, convulsions, muscle contraction or spasticity, depression), respiration (respiratory depression), chronic or repeated ingestion may affect the blood (agranulocytosis, change in leukocyte count (leukopenia), pigmented or nucleated red blood cells, normocytic anemia, change in clotting factor, decreased plasma protein, ) , bone marrow, urinary system (kidneys - nephritis), metabolism (anorexia/weight loss), endocrine system (spleen), brain, liver (hepatitis), behavior/central nervous system. Prolonged exposure by inhalation or skin contact may cause allergic reaction. |

Section 12. Ecological Information

| Ecotoxicity | Not available. |
| BOD5 and COD | Not available. |
| Products of Biodegradation | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation | The product itself and its products of degradation are not toxic. |
| Special Remarks on the Products of Biodegradation | Not available. |

Continued on Next Page
Section 13. Disposal Considerations

Waste Disposal
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

DOT Classification
Not a DOT controlled material (United States).

Identification
Not applicable.

Special Provisions for Transport
Not applicable.

DOT (Pictograms)

Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations
No products were found.

California Proposition 65 Warnings
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.
California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

Other Regulations
EINECS: This product is not on the European Inventory of Existing Commercial Chemical Substances.
Canada: Not listed on Canadian Domestic Substance List (DSL) or Canadian Non-Domestic Substance List (NDSL).
China: Not listed on National Inventory.
Japan: Not listed on National Inventory (ENCS).
Korea: Not listed on National Inventory (KECI).
Philippines: Not listed on National Inventory (PICCS).
Australia: Listed on AICS.

Other Classifications
WHMIS (Canada) Not controlled under WHMIS (Canada).
DSCL (EEC) R42/43- May cause sensitization by inhalation and skin contact. R63- Possible risk of harm to the unborn child.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.

National Fire Protection Association (U.S.A.)
Health Hazard
1
Fire Hazard
1
Reactivity
0
Personal Protection
E

WHMIS (Canada) (Pictograms)

DMCS (Europe) (Pictograms)

Continued on Next Page
Protective Equipment

- Gloves.
- Lab coat.
- Dust respirator. Be sure to use an approved/certified respirator or equivalent.
- Splash goggles.

Section 16. Other Information

| MSDS Code | D0024 |
| References | Not available. |
| Other Special Considerations | Not available. |

Verified by Sonia Owen.  

CALL (310) 516-8000

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user’s responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.