SAFETY DATA SHEET: 4-AMINOANTIPYRINE

1. IDENTIFICATION
Product Name: 4-AMINOANTIPYRINE
Synonyms: 4-Aminophenazone
Formula and Formula Weight: C11H13N3O  203.25
Integra numbers beginning with: A514.10
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

2. HAZARDS IDENTIFICATION

OSHA Classification:
Acute Toxicity - Oral 4 Harmful if swallowed.
Skin Corrosion/Irritation 2 Causes skin irritation.
Eye Damage/Irritation 2A Causes serious eye irritation.
Specific Target Organ Toxicity (single exposure) 3 May cause respiratory irritation.

Signal Word: WARNING

Precautionary Statements

Prevention:
Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapors, spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection, face protection. Wear protective gloves.

Response:
If swallowed: Call a poison center, doctor if you feel unwell. Rinse mouth.
If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice, attention.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
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.
Call a poison center, doctor if you feel unwell.
Specific treatment (see first aid section on this label)
Take off contaminated clothing and wash it before reuse.

Storage:
Store locked up. in a well ventilated place. Keep container tightly closed.

Disposal:
Dispose of contents, container in accordance with all governmental regulations.

Hazard Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Synonyms</th>
<th>CAS #</th>
<th>% Weight</th>
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<tbody>
<tr>
<td>4-Aminoantipyrine</td>
<td>4-Aminophenazone</td>
<td>00083-07-8</td>
<td>100</td>
</tr>
</tbody>
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4. FIRST AID MEASURES

Inhalation: Remove person to fresh air and keep comfortable for breathing.
Eye Contact: Flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: Rinse mouth and give victim large quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Additional notes: Symptoms and effects include skin, eye, respiratory irritation.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Material is not flammable. Use extinguishing media suitable to surrounding materials.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.

Osha SDS #: 25086 rev 101  3/27/2015    4-AMINOANTIPYRINE
Specific Hazards:  High dust concentrations may ignite in the presence of an ignition source.

6. ACCIDENTAL RELEASE MEASURES
Spill Procedures:  Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

7. HANDLING AND STORAGE
Incompatible Materials:  Incompatible with strong acids and strong oxidizers. Acid chlorides, acid anhydrides.
Storage and Handling:  Store locked up in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage. Protect from exposure to light and air.
  Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapors, spray.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Wear eye protection, face protection. Wear protective gloves.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
OSHA & ACGIH Exposure Limits:
  4-Aminoantipyrine  None identified
Engineering Controls:  Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection:  If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment:  Safety goggles, protective clothing and gloves appropriate for the risk of exposure.
  Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers.
  Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance:  Pale yellow crystals or powder
Odor:  Odorless
Odor Threshold:  Not available
pH:  Not available
Melting/Freezing Point:  105 - 110 °C
Initial Boiling Point and Boiling Range:  Not available
Flash Point:  Not available
Evaporation Rate:  Not available
Flammability:  Not available
Flammable or Explosive Limits (% by volume in air)  Upper: Not available
  Lower: Not available
Vapor Pressure:  Not available
Vapor Density:  Not available
Relative Density:  Not available
Solubility:  Slightly soluble in water
Partition Coefficient: n-octanol/water  Not available
Auto-Ignition Temperature:  Not available
Decomposition Temperature:  Not available
Viscosity:  Not available

10. STABILITY AND REACTIVITY
Reactivity:  No information available
Stability:  Stable
Possibility of Hazardous Reactions:  Hazardous polymerization will not occur
Conditions to Avoid:  Exposure to light, air and high temperatures.
Incompatibles:  Incompatible with strong acids and strong oxidizers. Acid chlorides, acid anhydrides.

11. TOXICOLOGICAL INFORMATION
Effects of Over Exposure:
  Inhalation:  Inhalation may irritate the nose, throat and upper respiratory tract.
  Skin Contact:  Contact may cause skin irritation. May be absorbed through skin.
  Eye Contact:  Contact may be irritating to the eyes.
  Ingestion:  No specific information available, however, based on animal studies, material is presumed to be moderately toxic.
  Chronic Effects:  No information available
  Target Organs:  No information available
  Additional Effects:  No information available
  Reproductive Effects:  No information available
15. REGULATORY INFORMATION
4-Aminoantipyrine is listed in the TSCA inventory.

16. OTHER INFORMATION
OSHA SDS #: 25086 rev 101  3/27/2015

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***** END OF SDS *****