



Sacox[®] 60
SAFETY DATA SHEET

Revised: May 2015

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SECTION 1: IDENTIFICATION

1.1. Product Identifier:

Material name: Salinomycin
Trade name: Sacox 60
Product number: 6006050

1.2. Manufacturer/Supplier:

Huvepharma Inc.
3360 Maury Avenue
St. Louis, MO 63116

Huvepharma, Inc.
525 Westpark Drive, Suite 230
Peachtree City, GA 30269
Telephone: 1-770-486-7212
Emergency telephone: 1-877-994-4883
Contact e-mail: customerservice@huvepharma.us

1.3. Relevant identified uses and any restrictions:

Intended use: For the prevention of coccidiosis in chickens.
Restrictions on use: Not for human use. May be fatal if accidentally fed to adult turkeys or to horses.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the chemical:

The classification was made according to the latest editions of international substances lists, and from company and regulatory data.

2.2. Signal word: Danger

2.3. Statement of hazard:

H36D-May damage the unborn child.
H315-Causes skin irritation.
H319-Causes serious eye irritation.
H302-Harmful if swallowed.
H412-Harmful to aquatic life with long lasting effects.
May form combustible dust concentrations in air.

2.4. Precautionary statement(s): See First Aid Measures Section.

2.5. Description of any hazards not otherwise classified:

Routes of entry: Dermal, injection, inhalation, ingestion.

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HVP-SCX-SDS-0515

Acute effects of exposure: May cause irritation at site of contact.
Chronic Effects of Exposure: None known.
Carcinogenic effects: This product is not considered a carcinogen and is not listed by OSHA, IARC or NTP.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**Hazardous**

| Ingredient | CAS Number | % |
|-------------------|-------------------|-----------|
| Salinomycin | 53003-10-4 | 13 – 15 |
| Calcium Carbonate | 471-34-1 | 1 - 5 |
| Calcium Silicate | 1344-95-2 | 76 - 86 |
| Mineral Oil | 64742-21-8 | 1 - 3 |
| Silicon Dioxide | 7631-86-9 | 0.1 – 0.2 |

Additional information: Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety. In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES**4.1. First aid measures:**

- **Eye contact:** Immediately flush with plenty of water for fifteen minutes. Contact a physician.
- **Skin contact:** Wash immediately affected area with soap and water. Contact a physician.
- **Ingestion:** If conscious, give water to drink and induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
- **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration and call for medical help immediately.

4.2. Most important symptoms and effects, both acute and delayed:

Symptoms and effects of exposure: For information on potential signs and Symptoms of exposure, See Section 2 and/or Section 11.

Medical conditions aggravated by exposure: Breathing dust may worsen asthma symptoms.

4.3. Recommended immediate medical attention and special treatment needed:

Note to physicians: Salinomycin is a monocarboxylic polyether antibiotic. It is produced by a fermentation process in which Streptomyces are multiplied.

SECTION 5: FIRE-FIGHTING MEASURES**5.1. Extinguishing media:**

Use water, or water mist, foam or dry chemical to extinguish fire.

5.2. Specific hazards arising from the substance or mixture:

Carbon monoxide, carbon dioxide.

5.3. Advice for firefighters:

For fighting large fire wear full bunker gear, including SCBA. Keep upwind.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions and protective equipment:**

Personnel involved in clean-up should wear appropriate personal protective Equipment (see Section 8). Minimize exposure. Avoid dust formation.

6.2. Emergency procedures: Not applicable.**6.3. Methods and materials for containment:**

Contain the source of the spill if it is safe to do so. Avoid generating airborne dust. Collect spilled material by a method that controls dust generation. Eliminate possible ignition sources and follow appropriate grounding procedures. Use non-combustible absorbent material to wipe up spill and place in a sealed container for disposal. Clean contaminated surface thoroughly.

6.4. Cleanup procedures:

Clean up spilled material. Place in a secure container for disposal.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling:**

Flow of material may generate static electricity. Do not pour contents into vessels containing flammable liquids or vapors.



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7.2. Conditions for safe storage, including any incompatibilities:

Store in a cool, dry place. Avoid damaging packaging.
Shelf life: See expiration date on product label.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

8.1. Exposure controls:

Calcium Silicate (1344-95-2)
OSHA PEL: 15 mg/m³ (TWA)
ACGIH TLV: 10 mg/m³ (TWA)

8.2. Engineering controls:

Under normal conditions of use, as stated in the product insert, no respiratory protection is necessary. However, if ventilation is inadequate wear a NIOSH approved respirator.

8.3. Personal protective measures:

- Eyes: Avoid contact.
- Skin: Avoid skin contact.

8.4. Special requirements for PPE, protective clothing or respirators:

- Hands: Wear PVC, rubber, butyl or nitrile gloves.
- Eyes: Prevent eye contact by wearing appropriate eye protection for handling.
- Breathing equipment: Under normal conditions of use, as stated in the product insert, no respiratory protection is necessary. However, if ventilation is inadequate wear a NIOSH approved respirator.
- Body protection: Wear long sleeves and trousers to prevent dermal contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical and chemical properties:

- Appearance: Powder, grayish tan
- Upper/lower flammability or explosive limits: No data available
- Odor: No data available
- Vapor pressure: No data available
- Odor threshold: No data available
- Vapor density: No data available

| | |
|--|-------------------|
| • pH: | Not available |
| • Relative density: | No data available |
| • Melting point/freezing point: | No data available |
| • Solubility(ies): | No data available |
| • Initial boiling point and boiling range: | No data available |
| • Flash point: | No data available |
| • Evaporation rate: | No data available |
| • Flammability (solid, gas): | No data available |
| • Partition coefficient: n-octanol/water: | No data available |
| • Auto-ignition temperature: | No data available |
| • Decomposition temperature: | No data available |
| • Viscosity: | No data available |
| • Specific gravity: | No data available |

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Capacity of dust explosion: ST 1 (moderate)

10.2. Chemical stability:

Stable.

10.3. Other:

- **Possibility of hazardous reactions:**
None known.
- **Conditions to avoid:**
Keep away from heat, spark, flames and all other sources of ignition. Avoid dispersion as a dust cloud. Dust may form explosive mixture in air. Fine particles may fuel fires/explosions.
- **Incompatible material:**
As a precautionary measure, keep away from strong oxidizers.
- **Hazardous decomposition products:**
Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects General Information:

The information included in this section describes the potential hazards of the active ingredient(s).

Routes of exposure:

Inhalation: Specific test data for the mixture is not available.

Ingestion: Specific test data for the mixture is not available.

Skin: Specific test data for the mixture is not available.

Eye: Specific test data for the mixture is not available.

Delayed, immediate, or chronic effects from short- and long-term exposure:

Inhalation: No information available.

Ingestion: No information available.

Skin: No information available.

Eye: No information available.

Numerical measures of toxicity:

| | | |
|-------------------------|------|---------------|
| Oral, rat | LD50 | 50.3 mg/kg |
| Dermal, rat | LD50 | 1030 mg/kg |
| Intraperitoneal (rat) | LD50 | Not available |
| Intraperitoneal (mouse) | LD50 | Not available |

Symptoms related to the physical, chemical and toxicological characteristics: None known.

Carcinogen Status: None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

SECTION 12: ECOLOGICAL INFORMATION**Environmental overview:**

There are no known environmental hazards associated with this product. Any active bambermycins released into the environment is rapidly degraded.

12.1. Toxicity:

Ecotoxicity: LC 50 (96 hr) 10-100 mg/l

12.2. Persistence and degradability: No data available.

12.3. Bioaccumulation potential: No data available.

12.4. Mobility in soil: No data available.

12.5. Other adverse effects: No data available.



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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Dispose of waste material by incineration or landfill.

SECTION 14: TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

Not regulated by the DOT. Do not transport with foodstuffs.

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

State regulations: The following chemicals associated with the product are subject to the Right-to-Know regulations in these states:

Calcium Silicate (1344-95-2): IL, LA, MA, PA, RI
Silicon Dioxide (7631-86-9): FL, LA, MA, NJ, PA

US Federal regulations: Salinomycin Sodium is regulated under the Food, Drug and Cosmetic Act.

Sara: No components listed.

SECTION 16: OTHER INFORMATION

Prepared by: VJ

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Huvepharma, Inc. believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

End of Safety Data Sheet