

SAFETY DATA SHEETS

This SDS packet was issued with item:

078696483

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078682518 078917226

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078696491

MATERIAL SAFETY DATA SHEET
VEDCO OVASOL GALLONS

SECTION 1 PRODUCT INFORMATION

Manufacturer: Jice Pharmaceuticals Co.

Address: 218 S. Washington Street
Lowell MI 49331

Emergency Telephone Number: (616) 897-5910

Trade name and synonyms: Zinc Sulfate

Chemical name and synonyms: Sulfuric acid, zinc salt, zinc vitriol, zincosite, bufopto zinc sulfate, white vitriol

Chemical Family: Inorganic Zinc Compound

Formula: Heptahydrate $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$

Monohydrate $\text{ZnSO}_4 \cdot \text{H}_2\text{O}$

SECTION 2 HAZARDOUS INGREDIENTS

Zinc sulfate as zinc compound

CAS# 7733-02-0

100%

SECTION 3 PHYSICAL DATA

Boiling Point (*F): 500-decomposes

Vapor Pressure (mm Hg): N/A

Vapor density (air=1): N/A

Solubility in water: 117g/100cc

Appearance and odor: White powder, granules, crystals

Specific Gravity(h₂O=1): 1.97

Percent volatile by volume(%) N/A

Evaporation rate: N/A

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): N/A

Flammable Limits: N/A

Extinguishing media: water, foam, dry chemical, CO₂

Unusual fire and explosion hazards: Poisonous gases are produced in fire, including zinc oxide and oxides of sulfur.

SECTION 5 HEALTH HAZARD DATA

Threshold limit value: NE

Effects of overexposure-Moderately irritating to respiratory passages. Cough may develop. Irritant to skin-redness may develop. May cause mutations in living cells. Whether or not it poses a cancer hazard needs further study. May damage the developing fetus. At high doses it may cause spontaneous abortions or stillbirths, chronic health effects are unknown at this time.

Emergency First Aid Procedures-

Eyes: Immediately flush with large amounts of water. Continue without stopping for at least 30 minutes, occasionally lifting upper and lower lids. Seek medical attention immediately.

Skin: Quickly remove contaminated clothing, immediately wash contaminated skin with large amounts of soap and water.

Inhalation: Irritant by inhalation, remove from contaminated area. Seek medical attention.

Ingestion: Give teaspoon of dibasic sodium phosphate in water, then a teaspoon of salt in a glass of warm water and repeat until vomit is clear. Seek medical attention.

SECTION 6 REACTIVITY DATA

Stability: Stable(xx)Unstable ()

Incompatibility(materials to avoid): None

Hazardous Decomposition Products: Decomposes above 740 c to give SO

Hazardous polymerization: Will occur ()will not occur(xx)

Conditions to avoid: N/A

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Restrict person not wearing protective equipment from area of spill until cleanup is complete. Ventilate the area of spill, collect powdered material in the most convenient and safe manner and deposit in sealed containers.

Waste disposal method: It may be necessary to contain and dispose of zinc sulfate as a hazardous waste. Contact your regional office of the environmental protection agency for specific recommendations. Use licensed waste hauler.

SECTION 8 SPECIAL PROTECTION INFORMATION

Respiratory protection Where the potential for high exposures exists, use a MSHA/NIOSH approved full faceplate respirator with a high efficiency particulate filter, or if available use a MSHA/NIOSH approved supplied air respirator with a full facepiece operated in the positive pressure mode or with a full facepiece, hood, or helmet in the continuous flow mode, or with a MSHA/NIOSH approved selfcontained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode.

Ventilation: Local exhaust

Protective gloves: Rubber, PVC

Eye Protection: Wear dust proof goggles and face shield when working with powders and dust, unless full facepiece respiratory protection is worn.

Other protective equipment: Protect against sifting to skin

SECTION 9 SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store in cool dry place. Heptahydrate will cake in storage.

Other precautions: Not available

NOTE;

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS PROVIDED IN GOOD FAITH AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, THE MANUFACTURER ASSUMES NO WARRANTIES, EITHER EXPRESSED OR IMPLIED. USERS OF THESE PRODUCTS ARE ADVISED TO VERIFY THIS INFORMATION IS SUITABLE TO THEIR PARTICULAR PURPOSES PRIOR TO THEIR USE OF THEM.



SAFETY DATA SHEET

122000010141

Ovacyst solution for injection 50 µg/g

Version 1.0

Revision Date 06/28/2013

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product Name: Ovacyst solution for injection 50 µg/g
MSDS Number: 122000010141

Company

BAYER HEALTHCARE LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
USA
(800) 633-3796

In case of emergency: (800) 422-9874
Chemtrec: (800) 424-9300
BAYER INFORMATION PHONE: (800) 633-3796
INTERNATIONAL: (703) 527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

Form: liquid

GHS Classification:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

GHS Label element:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Hazard Communication (29CFR 1910.1200)

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Weight percent	Components	CAS-No.
50 ppm	Gonadorelin diacetate tetrahydrate	52699-48-6

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately.

If inhaled: Remove to fresh air. Call a physician immediately.

In case of skin contact: After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

In case of eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed: If swallowed, seek medical advice immediately and show this container or label.

Most important symptoms and effects, both acute and delayed : No information available.
No information available.

Notes to physician : No information available.

Contact Number: Use the Bayer Emergency Number in Section 1

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet

Specific hazards during firefighting: Fire may cause evolution of: Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

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Personal precautions: Use personal protective equipment.

Methods for cleaning up: Cover spilt product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.

Additional advice: No special precautions required.

Further Accidental Release Notes No special precautions required.

7. HANDLING AND STORAGE

Handling:

No special precautions required.

No special protective measures against fire required.

Storage:

Storage temperature: 68 - 77 °F (20 - 25 °C)

Stable under recommended storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection:

Recommended Filter type: Organic vapor with prefilter

Hand protection:

Chemically resistant gloves.

Eye protection:

Safety glasses

Other protective measures:

No special safety precautions are required during handling of pharmaceuticals in their intended finished form (tablets or liquid formulations) by chemists, the hospital's medical staff or patients.

For the intake of ready for use pharmaceuticals or the external use on the skin please read the label and the package leaflet.

Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	No applicable information is available
Colour:	No applicable information is available
Odour:	No applicable information is available
Odour Threshold:	No applicable information is available

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Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	1 g/cm ³ at 68 °F (20 °C)
Bulk density:	No applicable information is available
Vapour pressure:	No applicable information is available
Viscosity, dynamic:	No applicable information is available
Viscosity, kinematic:	No applicable information is available
Flow time:	No applicable information is available
Surface tension:	No applicable information is available
Miscibility with water:	No applicable information is available
Water solubility:	No applicable information is available
pH:	No applicable information is available
Relative density:	No applicable information is available
Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	No applicable information is available
Flammability (solid, gas):	No applicable information is available
Ignition temperature:	No applicable information is available
Explosion limits:	No applicable information is available

10. STABILITY AND REACTIVITY

Conditions to avoid: no data available

Materials to avoid: Oxidizing agents

Hazardous reactions: None known.

Thermal decomposition:

no data available

Hazardous decomposition products:

Carbon monoxide (CO), Carbon dioxide (CO₂)

Oxidizing properties:

No statements available.

Impact Sensitivity:

no data available

11. TOXICOLOGICAL INFORMATION

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Carcinogenicity:

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

STOT - single exposure:

no data available

STOT - repeated exposure:

no data available

12. ECOLOGICAL INFORMATION

General advice:

Do not allow to enter surface waters or groundwater.

13. DISPOSAL CONSIDERATIONS

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

14. TRANSPORT INFORMATION

Land transport (CFR)

Non-Regulated

US Sea transport (IMDG)

Non-Regulated

US Air transport (ICAO / IATA cargo aircraft only)

Non-Regulated

US Air transport (ICAO / IATA passenger and cargo aircraft)

Non-Regulated

International IATA

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IMDG

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15. REGULATORY INFORMATION

Other regulations: No statements available.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

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Components

None

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Components

None

US. EPA CERCLA Hazardous Substances (40 CFR 302) Components

None

California Prop. 65

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

OSHA Hazcom Standard Rating

Non-Hazardous

16. OTHER INFORMATION

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.