

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, bufoto zinc sulfate, white vitriol

Chemical Family: Inorganic Zinc Compound

Formula: Heptahydrate  $ZnSO_4 \cdot 7H_2O$

Monohydrate  $ZnSO_4 \cdot H_2O$

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(h<sub>20</sub>=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, CO<sub>2</sub>

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 be 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;

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