

## MATERIAL SAFETY DATA SHEET

### OVAPLANT

#### Section I - IDENTIFICATION

**PRODUCT:** Ovaplant

**PRODUCT CODE NO.:** 13760

#### Section II - HAZARDOUS INGREDIENTS

| <u>COMPOSITION</u>       | <u>%</u> | <u>TLV</u> | <u>HAZARD</u>     |
|--------------------------|----------|------------|-------------------|
| Salmon GnRH <sub>a</sub> | <0.5%    | n. av.     | bioactive         |
| Cholesterol, USP         | >95%     | n. av.     | assumed non-toxic |

#### Section III - HEALTH & FIRST AID INFORMATION

**INHALATION:** May be harmful. Remove to fresh air; if breathing becomes difficult, contact a physician.

**INGESTION:** May be harmful. If swallowed, wash out mouth with copious amounts of water - if the person is conscious. Contact a physician.

**EYE CONTACT:** May be harmful. In case of contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Contact a physician.

**SKIN CONTACT:** May be harmful. In case of contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and wash before re-using. Contact a physician.

**OTHER HEALTH INFORMATION:** The toxicological properties of sGnRH<sub>a</sub> have not been thoroughly investigated. The actions are similar to luteinizing hormone releasing hormone (LHRH, Gonadotropin releasing hormone, GnRH) in humans. LHRH is the key mediator in the liberation of the pituitary gonadotropins, luteinizing hormone (LH) and follicle stimulating hormone (FSH). LHRH may modify reproductive ability by influencing plasma

gonadotropin levels and concomitantly gonadal steroid levels.

#### **Section IV - PHYSICAL DATA**

**BOILING POINT:** n. av.

**VAPOUR DENSITY (AIR=1):** n. av.

**SOLUBILITY IN WATER:** immiscible

**APPEARANCE AND ODOUR:** solid white pellet

#### **Section V - FIRE AND EXPLOSION HAZARDS**

**FLASH POINT & METHODS USED:** n. av.

**FLAMMABLE LIMITS IN AIR; % BY VOL. LOWER:** n. av.

**FLAMMABLE LIMITS IN AIR; % BY VOL. UPPER:** n. av.

**SPECIAL FIRE FIGHTING PROCEDURES & PRECAUTIONS:** Wear self-contained breathing apparatus and protective clothing to prevent contact.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** none

#### **Section VI - REACTIVITY**

**STABILITY:** stable

**HAZARDOUS POLYMERIZATION:** will not occur

**CONDITIONS & MATERIALS TO AVOID:** Oxidisers

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO and CO<sub>2</sub> gases

#### **Section VII - EMPLOYEE PROTECTION**

**CONTROL MEASURES:** Use in a well ventilated area.

**RESPIRATORY PROTECTION:** Wear approved respirator and use mechanical ventilation if possible.

**PROTECTIVE CLOTHING:** Wear protective clothing and chemical resistant gloves.

**EYE PROTECTION:** Wear tight fitting chemical safety goggles.

### **Section VIII - ENVIRONMENTAL PROTECTION**

**SPILL OR LEAK PRECAUTIONS:** Wear respirator, gloves, goggles and protective clothing. Use absorbent, sweep up and collect in a bag for waste disposal. Ventilate area and wash thoroughly after cleanup is complete.

**DISPOSAL:** Observe all governmental regulations governing disposal. Dissolve in a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### **Section IX - REGULATORY CONTROLS**

**DEPT. OF TRANSPORTATION:** Not regulated under the Transport of Dangerous Goods Act.

**DOT CLASSIFICATION:** n. ap.

**DOT PROPER SHIPPING NAME:** n. ap.

**OTHER DOT INFORMATION:** n. ap.

**OTHER REGULATORY REQUIREMENTS:** n. av.

**PREPARED BY:** MSDS Dept.  
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