

# **Safety Data Sheet**

**According to 91/155 EEC**

Revision: 18.01.2018

## **· Product details**

**Trade name: Recombinant Avian Influenza inactivated vaccine**

### **· Manufacturer/Supplier:**

Pulike Biological Engineering Inc.

No. 15 Zhenghe Road

Luolong district,

Luoyang City, 471009

China

Tel 0086 0379 69902166

### **· Information in case of emergency:**

**Spill Information:**

CHEMTREC® 1-800-424-9300

CHEMTREC® International 1+703-527-3887

International calls 011+703-527-3887

Reverse charges.

## **· Chemical characterization**

**· Dangerous components:** Non listed

**· Vaccine components:** Inactivated Avian Influenza H5N1 Re-1

**· Additional information:** For the wording of the listed risk phrases refer to section 16.

**· Hazard description:** Not applicable.

### **· Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

### **· Classification system:**

The classification is according to the latest editions of the EU-criteria, and extended by company and literature data.

**· General information:** No special measures required.

**· After inhalation:** Seek immediate medical advice.

**· After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**· After eye contact:** Rinse opened eye for 15 minutes under running water. If symptoms occur, consult a doctor.

**· After swallowing:** Call for a doctor immediately.

### **· After self injection**

Seek prompt medical advice even if only a small amount is injected. Go at once to the nearest hospital and show the information on this document to the doctor or nurse on duty in the emergency department.

**· Information for Doctor** In case of symptomatic effect provide supportive treatment to maintain life functions.

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**The following symptoms may occur:**

To the physician:

This product contains mineral oil. Even if small amounts have been injected, accidental injection with this product can cause intense swelling, which may, for example, result in ischaemic necrosis and even the loss of a digit. Expert, PROMPT, surgical attention is required and may necessitate early incision and irrigation of the injected area, especially where there is involvement of finger pulp or tendon.

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Protective equipment:**

Fire fighters should wear self-contained breathing apparatus and full protective equipment.

**Person-related safety precautions:** Not required.

**Measures for environmental protection:** Do not allow product to reach sewage system or any water source.

**Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

**Additional information:** No dangerous substances are released.

**Handling:**

**Information for safe handling:**

Store in cool, dry place in tightly closed containers.

Handle with care. Avoid jolting, friction and impact.

**Information about fire - and explosion protection of large quantities:** No special measures required.

**Storage:**

**Requirements to be met by storerooms and receptacles:** Store only in the original container.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Store in a cool, dry well-ventilated place.

**Additional information about design of technical facilities:** No further data; see item 7.

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.

**Personal protective equipment:**

**General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or inhale.

Storing food in the working area is prohibited.

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**· Protection of hands:**

Not required.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**· Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and

varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· Eye protection:**

Not required.

**· Body protection:** Impervious protective clothing

**· General Information**

**Form:** Fluid

**Colour:** Whitish

**Odour:** Characteristic

**· Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** Undetermined.

**· Flash point:** Not applicable.

**· Self-igniting:** Product is not self-igniting.

**· Danger of explosion:** Product does not present an explosion hazard.

**· Density:** Not determined.

**· Solubility in / Miscibility with**

**water:** Not miscible or difficult to mix.

**Organic solvents:** 0,0 %

**· Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**· Dangerous reactions:** No dangerous reactions known.

**· Dangerous decomposition products:** No dangerous decomposition products known.

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- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

*The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.*

*When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.*

· **General notes:**

*Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water*

*Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*

· **Product:**

· **Recommendation:**

*Must not be disposed together with household garbage. Do not allow product to reach sewage system.*

· **Uncleaned packaging:**

· **Recommendation:** *Disposal must be made according to official regulations.*

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** No

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

· **Labelling according to EU guidelines:**

*Observe the general safety regulations when handling chemicals.*

*The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).*

· **Safety phrases:**

*29 Do not empty into drains.*

· **Waterhazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*