

According to EC Regulation 1907/2006  
Directive 91/155/EEC

Preparation/Revision Date: 18 May 2010

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

**Product Name:** Dead-Cert® nanoparticles (all varieties)  
**Product Number:** DC001  
**Company:** ImmunoSolv Limited  
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## 2. HAZARDS IDENTIFICATION

Not hazardous according to Directives 67/548/EEC.

Acute effects: May be harmful by ingestion, inhalation or absorption through skin.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Aqueous suspension of 250 nm nanoparticles composed of natural polymers, iron oxide [CAS: 1317-61-9] and other non-hazardous components. Further information regarding specific chemical entities of this product is being held as a trade secret of the manufacturer.

## 4. FIRST AID MEASURES

In cases of skin contact, wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes and wash before wearing. In cases of eye contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Consult a physician. In cases of inhalation, remove to fresh air and monitor breathing. If breathing becomes difficult consult a physician.

## 5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical powder, carbon dioxide, water spray, polymer foam.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Material can be diluted with water and removed with conventional cleansing methods.

## 7. HANDLING AND STORAGE

Store in tightly closed container in +4°C refrigerator. Do not freeze. Avoid contact with material.

Avoid prolonged or repeated exposure. Lab should be equipped with a safety shower and an eye wash station.

Wash thoroughly after handling material.

## 8. EXPOSURE CONTROLS / PERSONEAL PROTECTION:

Protective equipment: Wear suitable protective clothing, such as chemical resistant gloves and chemical safety goggles.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Brownish suspension. Supplied in aqueous buffer.

Flash point: N/A

## **10. STABILITY AND REACTIVITY**

Stability: Stable under normal handling procedures.

Hazardous combustion or decomposition products: Upon thermal decomposition, may emit toxic gases including carbon monoxide and carbon dioxide.

## **11. TOXICOLOGICAL INFORMATION**

Note: To the best of our knowledge, the toxicological properties of this material have not been thoroughly investigated. Material should only be handled by qualified, experienced professionals.

## **12. ECOLOGICAL INFORMATION**

The product causes no considerable ecological danger.

## **13. DISPOSAL CONSIDERATIONS**

County, federal, state, and local regulations are varied and change frequently. For this reason, we recommend that you contact your local Department of Health Services for information on the disposal of this product or arrange for disposal by a licensed disposal company.

## **14. TRANSPORTATION INFORMATION**

UN Number: N/A

Non hazardous for road (RID/ADR) sea (IMDG) and air transport (IATA).

## **15. REGULATORY INFORMATION**

Safety Phrases:

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately.

## **16. OTHER INFORMATION**

Avoid contact with material. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Material should only be handled by qualified, experienced professionals. The above information is believed to be correct but does not purport to be all inclusive and shall not be held liable for any damage resulting from the handling or from contact with the above product.

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