

## platinum

BY **SPEARHEAD**

### **1. PRODUCT IDENTIFICATION**

Identification of the substance

**Product Name:** Platinum Sporocidal Disinfectant

**Other Names:** Electronically Activated Water

**General Use:** Biocide

**Chemical Name:** Water

**Chemical Family:** Water

#### **Company identification:**

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### **2. PRODUCT INFORMATION**

Chemical Name	CAS-No	EINECS-No	Wt/Vol %	Symbols
Sodium chloride	7647-14-5	231-598-3	0.2 – 0.4 NaCl	
Hypochlorous acid	7790-92-3	232-232-5	0.01 – 0.02	HOCl
Water	7732-18-5	231-791-2	99.79 – 99.58	H2O

Comments: product ranges shown are typical values for Health, Safety and Environmental purposes and are not intended to be used as Specifications.

### **3. HAZARD IDENTIFICATION**

**Physicochemical effects:** Not classified. No hazard expected under normal conditions of use.

**Human health effects:** Not classified. No hazard expected under normal conditions of use.

### **4. FIRST AID MEASURES**

**Inhalation:** Non-irritating. Remove to fresh air. Seek medical attention if ill effects occur.

**Ingestion:** Do not induce vomiting. Give plenty of water to drink. Seek medical attention if ill effects occur.

**Skin contact:** Non-irritating. Remove contaminated clothing immediately and wash skin with plenty of water. Seek medical attention if ill effects occur.

**Eyes:** Non-irritating. Immediately flush eyes with plenty of water for several minutes. Seek medical attention if ill effects occur.

### **5. FIRE FIGHTING MEASURES**

The product is not flammable.

### **6. ACCIDENTAL RELEASE MEASURES**

Wash to waste with plenty of water.

### **7. HANDLING AND STORAGE**

**Handling:** No special precautions necessary.

**Storage:** Store in a closed, dark container at 5 - 35 °C away from light.

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## **8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Exposure limit:** There are no recommended or established controls for this product.

**Protective Equipment:** Avoid prolonged contact with the skin. Use good personal hygiene practises.

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

Colourless, odourless aqueous solution with pH 6.5 - 7.5

## **10. STABILITY AND REACTIVITY**

No hazardous reactions are known if used for its intended purpose.

The product is considered stable under normal conditions of temperature and pressure and when stored in a closed, dark container. The product has a shelf life of 12 months.

## **11. TOXICOLOGICAL INFORMATION**

LD50 (oral, rat) > 10000 mg/kg < 40000 mg/kg

LD50 (dermal, rat) > 10000 mg/kg

Inhalation LD50 – not available

## **12. ECOLOGICAL INFORMATION**

The product presents no hazard to the environment.

## **13. DISPOSAL CONSIDERATION**

No special precautions are required for this product.

## **14. TRANSPORT INFORMATION**

Not classified as dangerous for transport by RID/ADR, IMDG, IATA

Proper shipping name: Not applicable.

## **15. REGULATORY INFORMATION**

Health, safety and environment information shown on the label according to EU directives:

The product is not classified as dangerous according to EU-directive 1999/45/EC.

## **16. OTHER INFORMATION**

The product is an aqueous solution containing mainly hypochlorous acid as active ingredient intended for use as a biocide.

Risk phase key 31 – contact with acid liberates a toxic gas.

Prolonged contact with metal may lead to corrosion. Exposed metal areas must therefore be rinsed with water after use.