

# **SAFETY DATA SHEET**

## **1. PRODUCT DETAILS AND COMPANY IDENTIFICATION**

Product Name: **ZAPPS & SHIELD DISINFECTANT CONCENTRATE PLUS**  
Chemical family: Disinfectant / Sanitizer  
Chemical formula: Surfactants, Biocides  
With bacteriological, virulological, virucidal, fungicidal, etc

## **MANUFACTURE COMPANY DETAIL**

Company Name: KATHAROS SDN BHD  
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## **2. HAZARD(S) IDENTIFICATION**

### **Classification of the substance/mixture**

#### **Base on GHS classification**

**Physical hazards:** Not classified

#### **Health hazards:**

Acute Toxicity (Oral), Category 4  
Acute Toxicity (Dermal): Category 4  
Skin Corrosion, Category 1A  
Eye Corrosion, Category 1

### **Product At Use Dilution**

Acute toxicity: Category 4  
Eye Irritation: 2B

**Signal Word:** WARNING



**Hazard Statements:**

- Harmful if swallowed.
- Harmful in contact with sensitive skin.
- Toxic to aquatic life.
- Causes serious eye damage.

**Precautionary Statements:**

- Do not breath dust/fume/gas/mist/vapours
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.

**Response:**

- If swallowed: Rinse mouth. Do not induce vomiting.
- If in eyes: Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, If present and easy to do. Continue rinsing.

**Disposal:**

Dispose of contents / container in accordance with local regulations.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical name	CAS number	%
Benzalkonium chloride	68424-85-1	1 - 5
Glutaraldehyde.	111-30-8	1 - 5
Water	7732-18-5	Balance, equivate to 100%
Colouring	N/A	< 0.1
Fragrance	N/A	< 1

**4. FIRST-AID MEASURES****SYMPTHOMS**

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: May irritate eyes.

If Swallowed: Rinse mouth thoroughly with water, ensuring mouth wash is not swallowed. Do not induce vomiting unless directed to do so by medical personnel.

Drink a cupful of milk or water.

**5. FIRE-FIGHTING MEASURE**

Specific methods: None known.

Suitable extinguishing: The product is not flammable.

Media: Specific hazards: None known.

## **6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions:** Put on appropriate equipment.

**6.2 Environmental precautions and clean up methods:** Material is toxic to fish. Do not discharge into lakes, stream, ponds, water unless in accordance with an NPDES permit. Use appropriate Containment to avoid environmental contamination

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

Do not get in eyes, wash thoroughly after handling product. Keep container closed when not in use.

Storage: Keep container securely and protected against physical damage.

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

**Ventilation requirements:** No special requirements.

**Personal Protective Equipment:** PVC or rubber gloves and overalls are recommended.

**Recommended hygiene practices:** Normal hygiene practices are recommended.

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

Appearance:	Pink
Physical state:	Liquid
Odour:	Fruity
pH:	7.5
Boiling point:	100°C
Flash point:	not flammable
Flammability:	not flammable
Explosive properties:	not explosive
Oxidising properties:	none
Vapour pressure:	not known
Density:	1.0
Solubility-water:	soluble

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** Heat, contact with incompatible.

**Hazardous Decomposition:** Not applicable.

**Hazardous Polymerization:** Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

On product: No information available on the formulated product.

## **12. ECOLOGICAL INFORMATION**

All surfactants used comply with the biodegradability criteria laid down in Regulations (EC) No 648/2004 on detergents.  
Material is readily biodegradable.

## **13. DISPOSAL CONSIDERATIONS**

**Water disposal:** For large quantities, refer to local Waste Disposal Authority for waste disposal.

## **14. TRANSPORT INFORMATION**

Transport: Ensure containers are correctly labelled and securely sealed. Keep containers cool. Take special care to avoid spillage and contamination.

## **15. REGULATORY INFORMATION**

### **15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture**

No data available.

### **15.2 Chemical safety assessment**

No data available.

## **16. OTHER INFORMATION**

### **Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

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