



■ High Technology Disinfectants ■

## *Material safety data sheet*

**Product : NUSEPT**

### **IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING.**

**Supplier :**

BioShields, A Division of Coral Clinical System  
Plot no. M 46, phase III B, Verna Industrial Estate,  
Verna – Goa 403722

**Product name: Nusept**

**Product code: NST 0125/5000**

**Synonyms: Microbicidal antiseptic solution.**

### **COMPOSITION / INFORMATION ON INGREDIENTS.**

Components	CAS number	Weight %	OEL data ( TWA-8 HR)	OEL data (STEL)	OEL data (ceiling limit value )	PBOEL
Polyhexamethylene biguanide	50641 – 36 – 6	1	Not determined	Not determined	Not determined	Not determined

### **HAZARD IDENTIFICATION.**

**Principle route of exposure :**

**Oral** : Harmful if swallowed.

**Eye contact** : Mild irritant to the eyes.

**Skin contact** : May cause mild irritation to skin for sensitive individual.

**Ingestion** : Harmful if swallowed.

**Inhalation** : Not a likely route of exposure.

### **FIRST AID MEASURES.**

**Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

**Ingestion** : Do not induce vomiting. Call a physician or Poison control Center immediately.

**Inhalation:** Move to fresh air immediately.

**Skin contact:** After contact with skin, wash immediately with plenty of water.

**Protection to first aiders:** Nothing special.

**Notes to physicians:** Treat symptoms and eliminate over exposure.

#### **FIRE-FIGHTING MEASURES.**

**Autoignition temperature** : Not available

**Flammable limits in air-lower( % ):** Not available

#### **Fire-fighting information**

**Suitable extinguishing media** : Use water, dry chemical, carbon dioxide or  
Chemical foam.

#### **Extinguishing media which**

**must not be used for safety reasons:** None

**Specific methods:** None

**Special protective equipment:** Wear self-contained breathing apparatus for fire fighting if necessary.

#### **For firefighting**

**Hazardous combustion products** : None

#### **Explosivity**

**Explosion limit** : None

**Lower** : None

**Upper** : None

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

**Personal precautions** : Responder should wear gloves, goggles, suitable body protection. Where there is a risk of product contact with shoes, chemical resistance shoe coverings are recommended.

**Environmental precautions** : No effect.

**Methods for cleaning up** : Not determined.

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

#### **Handling :**

**Technical measures / precautions:** No special precaution.

**Safe handling device:** Wear appropriate personal protection, including chemical resistant gloves and clothing and eye protection. Keep away from combustible material.

#### **Storage :**

**Technical measures / storage conditions** : Store container in cool, dry place away from sunlight

**Incompatible product** : Not known.

#### **EXPOSURE CONTROL / PERSONAL PROTECTION**

**Engineering control** : Ensure adequate ventilation.

**Eye protection** : For routine use, wear approved chemical splash goggles.

**Hand protection** : Wear chemical resistant gloves.

**Skin and body protection:** Wear chemical resistant lab coat.

**Respiratory precaution** : Not required unless spray or mists are generated during use.

**Other general protection** : Not required.

## PHYSICAL AND CHEMICAL PROPERTIES.

**Physical state:** Liquid.

**Color:** Apple green.

**PH:**

**Odor:** Pleasant

**Miscibility:** Soluble

## STABILITY AND REACTIVITY.

**Chemical stability** : Stable under recommended storage conditions.

**Hazard polymerization** : Hazardous polymerization does not occur.

**Hazardous decomposition products** : Unknown on product.

**Material to avoid** : Strong acids and bases.

**Conditions to avoid** : Direct exposure to heat and sunlight.

## TOXICOLOGICAL INFORMATION.

### Acute toxicity

**LD50 Dermal Rabbit (mg/kg)** : Greater than 2000 mg/kg

**LD50 Oral Rat (mg/kg)** : Greater than 2000 mg/kg

### Local effects

**Oral** : Unknown on product.

**Eye irritation** : Not determined.

**Skin irritation** : Not determined.

**Inhalation** : Not determined

### Chronic toxicity

**Oral** : Not determined

**Inhalation** : Not determined.

**Dermal** : Not determined

### Subchronic toxicity

**Oral** : Not determined

**Dermal** : Not determined

### Specific effects

**Corrosive effects** : Not determined.

**Sensitizations** : Not determined

**Target organ effects** : Not determined  
**Mutagenic effects** : Not determined  
**Reproductive effects** : Not determined  
**Developmental effects** : Not determined  
**Carcinogenic effects** : Not determined  
**Ecotoxicity** : This product has no known eco-toxicological effects.

#### **DISPOSAL CONSIDERATIONS.**

**Waste from residues / unused products** : This product may be disposed off in accordance with the regulation laid down by the local regulatory authority.

#### **TRANSPORT INFORMATION.**

**DOT:** Not known.  
**IMO/IMDG:** Not known  
**ADR/RID:** Not known  
**IATA/ICAO:** Not known

#### **OTHER INFORMATION.**

**Additional advice** : None  
**Literary reference** : None

#### ***DISCLAIMER :***

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**End of Safety Data Sheet**

