



Material Safety Data Sheet

Product : NUSEPT

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

Manufacturer :

BioShields - A Division of Tulip Diagnostics Pvt. Ltd.

Plot No. M – 46, Phase III B,

Verna Industrial Estate,

Verna, Goa, 403 722,

INDIA.

Product name : NUSEPT

Synonyms : Microbicidal Antiseptic Solution

2. COMPOSITION/INFORMATION ON INGREDIENTS

The ingredients at their given percentages in this product are not considered hazardous to your health.

Components	CAS Number	Weight %
Poly (hexamethylene biguanide) hydrochloride	32289 – 58 – 0	1.0

3. HAZARDS IDENTIFICATION

Principle routes of exposure :

Oral : Can irritate the tissues of mouth, oesophagus, and other tissues of the digestive system. Symptoms of over exposure can include vomiting, diarrhea and nausea.

Eye contact : Severe irritant to the eyes.

Skin contact : May cause skin irritation in sensitized individuals.

Ingestion : Ingestion of this material may cause nausea, vomiting and diarrhea.

Inhalation : Inhalation of mist or vapors may be severely irritating to the nose and throat.

Physico – chemical properties: This product may cause eye, skin or respiratory irritation.

4. FIRST AID MEASURES

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

Ingestion : Wash mouth and throat immediately with plenty of water and seek medical attention.

Inhalation : Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.

Skin contact : Not harmful. Discontinue if skin is sensitive.

5. FIRE – FIGHTING MEASURES

Flash point (°C) : Not determined.

Autoignition temperature : Not determined.

Flammable limits in air - lower (%) : Not determined.

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

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

Hazardous combustion products : Carbon dioxide and carbon monoxide

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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Avoid inhalation of mist or vapours. Wear eye protection if necessary.
Environmental precautions : No special environmental precautions required.
Methods for cleaning up : Flush with plenty of water.

7. HANDLING AND STORAGE

Handling :

- Technical measures/precautions** : No special technical protective measures required.
Safe handling advice : Avoid breathing vapours or mist. Avoid contact with eyes.

Storage :

- Technical measures/storage conditions** : Store at R. T. away from heat and light.
Incompatible products : Avoid contact with strong acids and bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eye protection** : Safety glasses required.
Hand protection : Not required.
Skin and body protection : Not required.
Respiratory protection : Not required.
Other/general protection : Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear liquid.
Physical state : Liquid.
Colour : Apple Green.
PH : 6.5 – 7.5
Odor : Pleasant
Water solubility : Completely Soluble

10. STABILITY AND REACTIVITY

- Chemical stability** : Stable under recommended storage conditions.
Hazard polymerization : Hazardous polymerization does not occur.
Hazardous decomposition products : Unknown on product.
Materials to avoid : Strong acids and bases.
Conditions to avoid : Direct exposure to heat and sunlight.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

- Oral** : Greater than 2000mg/kg.
Dermal : Greater than 2000mg/kg.

Local effects

- Oral** : Unknown on product.
Eye irritation : May cause eye irritation.
Skin irritation : May cause skin irritation in sensitized individuals.
Inhalation : Inhalation of mist or vapours may cause irritation to the nose and throat.



Chronic toxicity

Oral : Not determined.

Inhalation : Not determined.

Dermal : Not determined.

Specific effects

Corrosive effects : Not determined.

Target organ effects : Not determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects : This product has no known eco – toxicological effects.

Aquatic toxicity effects : This product has no known aquatic toxicological effects.

Mobility : Unknown on product.

Persistence / degradability : Unknown on product.

Bioaccumulation : Unknown on product.

Degradation : Unknown on product.

13. DISPOSAL CONSIDERATIONS

This product may be disposed off in accordance with the regulations laid down by the local regulatory authority.

14. TRANSPORT INFORMATION

DOT : None

IATA/ICAO : None

15. REGULATORY INFORMATION

CAS No. : Not applicable.

Labeling : For External Use Only.

Safety Phrases : Avoid contact with the mucous membrane. In case of contact, wash immediately with plenty of water and seek medical attention.

16. OTHER INFORMATION

Additional advice : None

Literary Reference : None

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