



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: All Purpose Disinfectant

Product Code: ADSNPF

Product Form: Translucent Solution

Product Identifier: Ayurvedic proprietary product

1.2 Relevant identified uses and restrictions on use of this Medicinal Product:

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product. It is not intended to provide information relevant to medicinal use of the product.

Restrictions on use: No other uses are advised.

1.3 Details of the supplier of the safety data sheet

Manufacturer: DHANVANTARI NANO AYUSHADI PRIVATE LIMITED

No. 8/34, Neelakanta Mehta Street, T. Nagar, Chennai – 600017 |

Ph: +91 – 44 – 4092-7365 | www.nanolife.in |

CIN: U74999TN2016PTC113760 | email: enquiry@nanolife.in

1.4 Emergency telephone number (24 Hrs Contact):

Emergency Number: +91-44-4092-7365

SECTION 2 - HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

None



MATERIAL SAFETY DATA SHEET

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Silver nanoparticles, organic surfactant, essential oils, water.

SECTION 4 - FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

Not harmful.

In case of skin contact

Not harmful.

In case of eye contact

Wash the eyes immediately with clean water.

If swallowed

Rinse the mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 and in section 11

4.3 Indication of any immediate medical attention and special treatment needed

Not required.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Extinguishing media

Non-Inflammable solution

5.2 Special hazards arising from the substance or mixture

Not hazardous

5.3 Advice for firefighters

Non-inflammable solution



MATERIAL SAFETY DATA SHEET

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General protection is sufficient.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not mix with any other household cleaner or acid.

Avoid direct contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store protected from sunlight

Storage class: Not Applicable

Incompatible products: None

7.3 Specific end use(s)

Disinfectant

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Eye/face protection

Not required

8.2 Skin protection

Handle with gloves.

8.3 Body Protection

No special precautions.

8.4 Respiratory protection

Respiratory protection not required.

8.5 Control of environmental exposure



MATERIAL SAFETY DATA SHEET

No special environmental precautions required.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	Translucent or Transparent or opaque Solution
Colour	:	Off white or pale yellow or yellow or brownish yellow
Odour	:	Characteristic
pH	:	2.0 to 8.0
Specific gravity	:	0.90 to 1.10
Freezing point	:	-5°C
Boiling point	:	110°C
Solubility Water	:	Miscible in water
Viscosity	:	1 cps@20°C
Flammability	:	Non-Inflammable
Chemical family	:	Silver nanoparticle

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Non-reactive

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Non hazardous



MATERIAL SAFETY DATA SHEET

SECTION 11 - TOXICOLOGICAL PROPERTIES

11. Toxicity studies

11.1 Acute toxicity

LD₅₀ was found to be > 10 ml/kg in both rats and mice.

(10 ml approximately contains 1.7 mg of Silver nanoparticles.)

11.2 Skin corrosion/irritation

Non -irritant

11.3 Serious eye damage/eye irritation

Non irritant

11.4 Respiratory or skin sensitization

Non irritant

11.5 Germ cell mutagenicity

Not mutagenic.

11.6 Carcinogenicity IARC:

Non carcinogenic

11.7 Reproductive toxicity

Non toxic

SECTION 12 – ECOLOGICAL INFORMATION

Does not cause any adverse effects in the environment when used for intended purpose.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose in a safe manner in accordance with Regional legislation (waste)

13.2 Contaminated packaging

Dispose of as unused product.



MATERIAL SAFETY DATA SHEET

SECTION 14-TRANSPORT INFORMATION

In accordance with IATA (International Air Transport Association).

Not regulated as hazardous material by DOT. (Department of Transportation)

Not regulated as dangerous good by IATA.

14.1 UN number

No dangerous good in sense of transport regulations

14.2 Transport hazard class (es)

Not hazardous

14.3 Environmental hazards

Not hazardous

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product, a chemical safety assessment was not carried out

SECTION 16 - OTHER INFORMATION

Permission granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions.

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Issued on:



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