

# NANOSAFE INNOVATIONS PTY LTD

An ISO 9001:2015 Certified Company

## MATERIAL SAFETY DATA SHEET

### 1. MATERIAL IDENTIFICATION

<b>Product Name:</b>	<b>NANOVA HYGIENE+™ FABCARE AV</b>
<b>Company Name:</b>	<b>Harind Chemicals &amp; Pharmaceuticals Pvt. Ltd.</b>
<b>Address</b>	Unit Nos. C 1804 to C 1807, Kailas Business Park, Vikhroli- Hiranandani Link Road, Vikhroli (W), Mumbai 400 079, India
<b>Telephone Number:</b>	022-62364200/022-62360839

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical nature:</b>		
<b>Ingredients</b>	<b>C.A.S. No.</b>	<b>Wt%</b>
Proprietary nano materials	.....	5-20%
Distilled Water	7732-18-5	60-80%
Metal NP	14701-21-4	0.5 - 3%
Quaternary ammonium salts	27668-52-6	0.5 - 3%

### 3. HAZARDS IDENTIFICATION

<b>Effects of Exposure / Symptoms:</b>	
<b>Inhalation:</b>	Avoid Breathing Vapor
<b>Skin contact:</b>	Absorption through skin would cause irritation
<b>Eye contact:</b>	The Vapor and liquid irritate eye

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## 4. EMERGENCY AND FIRST AID MEASURES

<b>EXPOSURE:</b>	<b>Inhalation:</b> If inhalation of mists, fumes or vapor causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist, obtain medical advice.
<b>First Aid Measures:</b>	<b>Eye:</b> Wash copiously with water and seek medical advice. <b>Skin:</b> Wash-off with soap and water. <b>Swallowed:</b> Rinse mouth with water. Give water to drink. Do not induce vomiting. If vomiting occurs, place person's face downwards, head lower than hips to prevent vomit entering lungs. Seek medical advice.
<b>SPILLS:</b>	Absorb in Sand or Earth for disposal.
<b>Steps to be taken:</b>	
<b>Waste Disposal Method:</b>	Consult Local Authority.

## 5. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

<b>Exposure:</b>	Exposed individuals may be desensitized to product and are not reasonably expected to be warned, by smell, that exposure standard is being exceeded. If the TWA concentration of ANY of the components is exceeded the individual is deemed to be over exposed.
<b>Personal Protection;</b>	Avoid contact with skin and eyes. Wear suitable clothing such as impervious overalls, PVC or Neoprene gloves, and safety goggles. Wear an approved half face respirator, minimum requirement class A1/P3 filter system, suitable for organic vapor and particles, meeting AS1715/1716. In confined spaces with inadequate ventilation, wear an air-fed face mask.
<b>Flammability:</b>	Non-Flammable

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## 6. FIRE FIGHTING MEASURES

<b>Fire Extinguishing:</b>	This is a nonflammable product. In case of fire, use media suitable for the surrounding environment
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## 7. PHYSICAL AND CHEMICAL DATA

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Milky white liquid
<b>Odour:</b>	Characteristic
<b>Solubility in water</b>	Yes
<b>Specific Gravity (Water = 1):</b>	1.00+/- 0.03
<b>pH:</b>	6.5-8.5
<b>Boiling Range / Point (° F):</b>	NA
<b>Flash Point (Abel closed ° F):</b>	As contain water (not applicable)

## 8. STABILTY AND REACTIVITY

<b>Do not store:</b>	In areas of extreme heat generated by naked flame or heating element. In the presence of incompatible materials.
<b>At Ambient Temperature:</b>	Product is considered stable.

## 9. HANDLING AND STORAGE

<b>Handling &amp; Storage Precaution:</b>	Handle in accordance with good industrial hygiene and safety practice.  Keep container closed when not in use.  Keep out of reach of children
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## 10. TOXICOLOGICAL INFORMATION

<b>Acute - Swallowed:</b>	May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and may lead to unconsciousness.
<b>Acute - Eye:</b>	Irritating to the eyes.
<b>Acute - Skin:</b>	Irritating to the skin. Has a degreasing action on the skin. Repeated or prolonged skin contact may lead to contact dermatitis and toxic effects.
<b>Acute - Inhaled:</b>	Vapor may be an irritant to mucous membranes and respiratory tract.

## 11. ECOLOGICAL INFORMATION

<b>Information:</b>	Prevent release into the environment. Do not discharge into sewer or waterways. May cause adverse effects to marine environment.
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## 12. ACCIDENTAL RELEASE MEASURES

<b>Measures:</b>	Ensure adequate ventilation. Material can create slippery conditions Discharge into the environment must be avoided. Retain and dispose of contaminated wash water.
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## 13. DISPOSAL CONSIDERATIONS

<b>Consideration:</b>	Refer to State Land Waste Management Authority. Advice flammable nature of product.  Normally suitable for incineration by approved agent.  Recycle containers if possible or dispose of in authorized landfill.
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## 14. TRANSPORT INFORMATION

<b>Product:</b>	Classified as Non-corrosive and Non- flammable for transport by air, road or rail.
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## 15. REGULATORY INFORMATION

<b>Poisons Schedule:</b>	Not Allocated
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## 16. OTHER INFORMATION

<b>MSDS Distribution:</b>	The information provided in this document should be made available to all who may handle / use the product.
<b>Disclaimer:</b>	The data provided are in good faith as typical values and not as actual product specifications. No warranty, either expressed or implied, is hereby made. The advised industrial hygiene and safe handling procedures are generally applicable. Each user nevertheless should review these advises in the specific context of the actual use and find out whether they are suitable