



SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name: Nanoshield™ Hydro-E

SDS No.: SDS-T-Water D

Relevant identified uses of the product

Deodorization, Disinfection, Virus countermeasures

Details of the supplier of the safety data sheet

Company name: Nanoveu Pte Ltd

Address: 20 Ayer Rajah Crescent, #08-09, Singapore 139964

Telephone: +65 6557 0155

2. Hazard Identification

GHS classification and label elements of the product

Classification of the substance or mixture

Classification according to Hazard Communication Standard - 2012 (29 CFR 1910.1200)

Not classified/Classification not possible

Label elements

Labelling according to Hazard Communication Standard - 2012 (29 CFR 1910.1200)

No GHS label element

No Signal words

3. Composition/Information on Ingredients

Ingredient name	CAS No.	Content (%)
Water	7732-18-5	> 99
Hypochlorous Acid	7790-92-3	0.001

Note: The figures shown above are not the specifications of the product.

4. First Aid Measures

Descriptions of first-aid measures

IF INHALED

Call a POISON CENTER/doctor/physician if you feel unwell.

IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

No harm is observed, but if conscious, give 1-2 glasses of water.

Most important symptoms and effects, both acute and delayed

Specific information on symptom and effect are unknown.

Indication of any immediate medical attention and special treatment needed

Information on indication of any immediate medical attention and special treatment needed is not available.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Use appropriate extinguishing media suitable for surrounding facilities.

The product is non-flammable.

Unsuitable extinguishing media

Not available.

Specific hazards arising from the substance or mixture

Not available.

Advice for firefighters

No special protective actions for fire-fighters are anticipated.

6. Accidental release measures

Personnel precautions, protective equipment and emergency procedures

Keep unauthorized personnel away.

Environmental precautions

Prevent spills from entering sewers, watercourses, or low areas.

Do not wash away into sewers or waterway.

Methods and materials for containment and cleaning up

Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.

Preventive measures for secondary accident

Wash contaminated surfaces with water.

7. Handling and Storage

Precautions for safe handling

Preventive measures

(Safety treatments)

Avoid contact with eyes.

Safety Measures

Use only outdoors or in a well-ventilated area.

Indoor use is acceptable.

No protective equipment required.

Any incompatibilities data is not available.

Advice on general occupational hygiene

Wash hands thoroughly after handling.

Do not get in eyes.

Storage

Conditions for safe storage

Store in a dark place away from direct sunlight.

Container and packaging materials for safe handling data is not available.

8. Exposure controls/ personal protection

Control parameters

Adopted value

Adopted value in ACGIH is not available.

OSHA-PEL value is not available.

NIOSH-REL value is not available.

California proposition 65 data is not available.

Exposure controls

Appropriate engineering controls

Washing facilities should be available.

Individual protection measures

No protective equipment required.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical state: Liquid

Color: Colorless, Clear

Odor: None

Odor threshold: Not available

Melting point/Freezing point: Not available

Boiling point or initial boiling point: Not available

Boiling range: Not available

Flammability (gases, liquids and solids): Non-flammable

Lower and upper explosion limit/flammability limit: Not applicable

Flash point: Non-flammable

Auto-ignition temperature: Not applicable

Decomposition temperature: Not available

pH: 7.0 - 8.3

Kinematic viscosity: Not available

Solubility:

Solubility in water: Miscible

Solubility in solvent: Not available

n-Octanol/water partition coefficient: Not available

Vapor pressure: Not available

Evaporation rate: Not available

Density and/or relative density: Not available

Relative vapor density (Air=1): Not available

Particle characteristics: Not applicable

10. Stability and Reactivity

Reactivity

Not available.

Chemical stability

Stable under normal storage/handling conditions.

Possibility of hazardous reactions

Not available.

Conditions to avoid

Not available.

Incompatible materials

Not available.

Hazardous decomposition products

Not available.

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Not available.

Irritant properties

Skin corrosion/irritation

Not available

Serious eye damage/irritation

Not available

Allergenic and sensitizing effects

Not available

Mutagenic effects

Not available

Carcinogenic effects

Not available

Reproductive toxicity data

Not available

STOT

STOT-single exposure

Not available

STOT-repeated exposure

Not available

Aspiration hazard

Not available

12. Ecological Information

Ecotoxicity

Not available

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13. Disposal Consideration

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Contaminated packing

Dispose of container after using the contents completely.

14. Transport Information

UN No., UN CLASS

UN No. or ID No.: Not applicable

UN Proper Shipping Name: Not applicable

Class or division (Transport hazard class): Not applicable

Packing group: Not applicable

Not applicable to IMDG Code

Not applicable to IATA Dangerous Goods Regulations

Environmental hazards

MARPOL Annex III - Prevention of pollution by harmful substances

Marine pollutants (yes/no): no

Special precautions for user

Not applicable

Maritime transport in bulk according to IMO instruments

This product is not intended to be carried in bulk.

15. Regulatory Information

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

Chemicals listed in TSCA Inventory

Sodium chloride; Water

Other regulatory information

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

16. Other Information

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (62nd Edition) 2021

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2021 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

GESTIS-Stoffdatenbank

Pub Chem (OPEN CHEMISTRY DATABASE)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 14.11.2020) & US Hazard Communication Standard - 2012.

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.