

SAFETY DATA SHEET

APPLIED NOVIRUCLEAN

Infosafe No.: 5AP20
ISSUED Date : 15/08/2017
ISSUED by: APPLIED AUSTRALIA PTY LTD -
AN (ITW) ILLINOIS TOOL WORKS COMPANY

1. IDENTIFICATION

GHS Product Identifier

APPLIED NOVIRUCLEAN

Product Code

A3471

Company Name

ITW POLYMERS & FLUIDS (ABN 63 004 235 063)

Address

100 Hassall Street Wetherill Park
NSW 2164 Australia

Telephone/Fax Number

Tel: 1800 063 511; +61 2 9757 8800

Fax: 1800 803 596; +61 2 9757 3855

Emergency phone number

1800 385 556 / 0438 465 960

E-mail Address

info@itwpcf.com.au

Recommended use of the chemical and restrictions on use

Toilet and hard surface cleaner and sanitiser.

Disclaimer

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Websites:

www.itwpcf.com.au

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Fluid Chemicals NZ

5A Andrew Baxter Drive, Airport Oaks, Auckland, 2150

Postal Address: P.O. Box 201185 , Auckland Airport, 2150, New Zealand

EMERGENCY TEL: 0800 154 666

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

Causes skin irritation.
Causes serious eye damage.

Pictogram (s)

Corrosion

**Precautionary statement – Prevention**

Do not breathe dust/fume/gas/mist/vapours/spray.
Wash contaminated skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Wash with plenty of soap and water.
Take off contaminated clothing and wash before reuse.
If skin irritation occurs: Get medical advice/attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF EXPOSED OR IF YOU FEEL UNWELL: Call a POISON CENTER or doctor/physician.

Precautionary statement – Storage

Store in a dry place. Store in a closed container.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Polyhexamethyleneguanidine phosphate	89697-78-9	0-<2 %
Alcohols C12-C14, Ethoxylated	68439-50-9	0-3 %
1,3-propanediamine, N-(3-aminopropyl)-N-dodecyl-		0-<10 %
Water and other ingredients not considered hazardous	n/a	Balance

4. FIRST-AID MEASURES

Inhalation

If overcome by exposure, remove victim to fresh air immediately. Keep at rest in a position comfortable for breathing.

Ingestion

Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting.
If vomiting occurs give further water to achieve effective dilution. Seek medical advice.

Skin

Wash affected areas with copious quantities of water. Remove contaminated clothing and wash before re-use.
Seek immediate medical advice if symptoms develop.

Eye contact

For any contact with eye, immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open.
Remove contact lenses.

NOTE: Symptoms can be delayed for several hours. Permanent corneal damage can occur if product is not flushed from eye immediately.

Seek immediate medical advice.

First Aid Facilities

Eye wash, safety shower, normal washroom facilities

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water fog, foam, dry chemical or carbon dioxide for surrounding fires as governed by adjacent materials.

Specific Hazards Arising From The Chemical

If safe to do so, remove containers from path of fire.

Keep containers cool with water spray.

Non combustible

May decompose on heating emitting noxious fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Isolate leaking containers and stop leak if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately.

Use absorbant (soil or sand, sawdust, inert material, vermiculite). Sweep up, collect and seal in properly labelled drums for disposal.

In event of large spill:

Contain - prevent contamination of drains and waterways.

Pump out to a waste/recovery tank.

If contamination of sewers or waterways has occurred advise the local authorities.

Environmental Precautions

Use appropriate containment to avoid environmental contamination.

Prevent from entering into drains, ditches, rivers or the sea.

The biocides in the product are very toxic to aquatic life.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Always wash hands before smoking, eating, drinking or using the toilet.

Do not inhale spray mists. Avoid contact with eyes and skin.

Conditions for safe storage, including any incompatibilities

Keep containers securely sealed and protected against physical damage.

Store away from sources of heat or ignition.

Ensure containers are clearly labelled.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No Exposure Limit Established

Biological Limit Values

No limit values set.

Appropriate Engineering Controls

Avoid generation and inhalation of spray mists or aerosols.

Use with adequate ventilation.

Respiratory Protection

If inhalation of spray mists is likely, use a respirator with an organic vapour filter.

Eye Protection

Concentrate: Chemical goggles or safety glasses with side shields

In-use dilutions: Safety glasses. If splashes or spray mists are generated, wear protective eyewear as for concentrate.

Hand Protection

Concentrate and in-use dilutions: nitrile, neoprene or natural rubber gloves

Body Protection

Enclosed footwear.

Hygiene Measures

Wash thoroughly before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear colourless liquid with apple fragrance

Melting Point

<0°C

Boiling Point

approx 100°C

Specific Gravity

1.00 to 1.01 at 20°C

pH

8.6

Vapour Pressure

18 mm Hg at 20°C

Flash Point

Non flammable

Flammability

Non combustible. Non flammable.

Flammable Limits - Lower

Not applicable

Explosion Properties

Not available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal use conditions.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Possibility of hazardous reactions

No Reactivity Data available for compounded product.

As a precaution avoid contact with strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

For mixture, based on ATE of ingredients: >5000mg/kg

Ingestion

Ingestion can result in diarrhoea.

May cause irritation to mouth, throat and stomach.

Inhalation

For the product Noviruclean: toxicity effects not available.

For the ingredients:

Polyhexamethyleneguanidine phosphate (PHMG-P): may be irritating to the mucous membranes and respiratory tract
Alcohols, C12-C14, ethoxylated: No known significant effects or critical hazards
1,3-propanediamine, N-(3-aminopropyl)-N-dodecyl-: may be irritating to mucous membranes and respiratory tract.

Skin

May cause skin irritation such as dryness, redness, itching, burning. Repeated or prolonged contact may result in dermatitis. Will have a defatting effect on the skin.

Eye

A severe eye irritant.

Contamination of eyes can result in permanent injury.

Chronic Effects

For the ingredient Polyhexamethyleneguanidine phosphate (PHMG-P): exposure to humidifier disinfectants containing PHMG-P has been identified as a potential cause of an outbreak of lung disease in Korea in 2011. Studies suggest that prolonged and repeated exposure to PHMG-P aerosol drops via humidifiers caused lung damage that led to a fatal form of non-reversible obstructive lung disease (Kim, Hwang et al 2016; Park, Kim et al 2016).

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product contains biocides that are very toxic to aquatic organisms. Do not allow product to enter waterways.

Persistence and degradability

The product has not been tested.

Environmental Protection

This substance may be hazardous to the environment; special attention should be given to containing spills.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose to licensed disposal contractor

Container Disposal

Rinse out container with water and dispose with licensed recycler.

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

HSNO Approval Number

Cleaning Products (Subsidiary Hazard) Group Standard 2006.

The HSNO Approval Number for this Group Standard is HSR002530.

Australia (AICS)

All ingredients listed

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces SDS dated 15 Oct 2016

References

Australian Code for the Transport of Dangerous Goods by Road and Rail.

International Maritime Dangerous Goods Code.

International Air Transport Association Dangerous Goods Regulations.

Globally Harmonised System of Classification and Labelling of Chemicals,ST/SG/AC.10/30, United Nations 2003

Supplier Safety Data Sheets

Ji-Hyuk Park ,Hwa Jung Kim,Geun-Yong Kwon, Jin Gwack, Young-Joon Park, Seung-Ki Youn, Jun-Wook Kwon, Byung-Guk Yang, Moo-Song Lee, Miran Jung, Hanyi Lee, Byung-Yool Jun, Hyun-Sul Lim. Humidifier Disinfectants Are a Cause of Lung Injury among Adults in South Korea: A Community-Based Case-Control Study. Accessed 15 Aug 2017 <https://doi.org/10.1371/journal.pone.0151849>

HR Kim, GW Hwang, Akira Naganuma, Kyu-Hyack Chung. Adverse Health Effects of Humidifier Disinfectants in Korea: Lung Toxicity of Polyhexamethylene Guanidine Phosphate Journal of Toxicological Sciences Vol 41, 6, 711-717 2016

Contact Person/Point

This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.

As ITW Polymers & Fluids cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW Polymers & Fluids to ensure they are in possession of the latest version.

Signature of Preparer/Data Service

AMS

END OF SDS

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