



WASH YOUR HANDS

Antiva™

Natural and safe solution
for virus infection

Contents

Hand hygiene

Active Ingredients

Effects of Antiva™

Hand hygiene

- Hand washing is the single most effective way to prevent the spread of communicable diseases.
Such as: influenza and common cold
- Hand hygiene is the most effective intervention to reduce transmission of infections and viruses.



Hand washing can prevent death



- Typical office worker's hands come into contact with 10million pathogens per day.
- Hands are the most common vehicle to transmit health care associated pathogens.
- Globally, illnesses such as diarrhea and influenza cause more than 3 million deaths per year — mostly children.
- Many of these deaths can be prevented by simple hygiene practices such as hand-washing with soap.

Ref: <https://cleantheworld.org/hand-washing-guide/>

Save lives from clean hands



SAVE LIVES

Clean **Your** Hands



**World Health
Organization**

- **Save lives from clean hands**
Organised by the World Health Organisation (WHO)

Active Ingredients



INCI: Morus alba leaf extract

Overwhelming scientific evidence from research conducted at top medical institutions prove that the Mulberry Leaf is one of the most powerful natural herbal supplements, and it can no longer be ignored as a potent solution to many health issues.



INCI: Phellodendron amurense bark extract

Phellodendron bark is one of the bright yellow plants used for treating inflammation and infection.

Studies have shown action against various forms of candida, as well as viruses.

Anti-virus effect

Disinfectant	Concent.	Virus	Virus titer (CCID ₅₀ /well)			Virus reduction factor (%)		
			5 min	15 min	30 min	5 min	15 min	30 min
Antiva	0.0%	FluA	95,000	95,000	95,000	0.00%	0.00%	0.00%
		Mock	<1.0	<1.0	<1.0			
Antiva	0.01%	FluA	21	<2.2	<2.2	99.978%	>99.9977%	>99.9977%
		Mock	2.2	2.2	2.2			
Antiva	0.1%	FluA	15	<6.4	<6.4	99.984%	>99.9933%	>98.294%
		Mock	6.4	6.4	6.4			
Antiva	1.0%	FluA	<42.6	<42.6	<42.6	>99.9552%	>99.9552%	>99.9552%
		Mock	42.6	42.6	42.6			

- Influenza virus(H1N1) reduction was increased by Antiva™ treatment.

Properties



- Appearance: Liquid
- Odor: Characteristic
- Color: Dark Brown
- Specific Gravity: 1.10 ~ 1.30
- pH: 3.50 ~ 6.50

INCI Name	CAS No.	EINECS/ELINC No.	Contents (%)
Glycerin	56-81-5	200-289-5	70.00 ~ 90.00
Water	7732-18-5	231-791-2	15.00 ~ 25.00
Morus Alba Leaf Extract	94167-05-2	303-403-2	0.50 ~ 1.50
Phellodendron Amurense Bark Extract	164288-52-2	-----	0.50 ~ 1.50

Summary

- A natural compound originated from **traditional herbal** medicine
 - From *Morus alba* leaf extract and *Phellodendron amurense* bark extract
- **Strong anti-virus effect**
- To effectively reduce the infection of H1N1 virus
- Easy to formulate
- Applications for **Hand sanitizer** and hand care products





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