

# bio**brume**

A superior multi-purpose  
cleaning disinfectant for  
educational institutions

*brought to you by*

**Medzine**



## Summary Q & A

Who are we?

We are Medzine. We provide holistic, cost-effective sanitation strategies to entities. This information helps them reduce the risks of viral outbreaks among their members.

What services do we provide?

We help entities by providing them with products and services that help them execute the strategy they ultimately choose – sanitizer, disinfectant, masks, foggers, PPE, air filters, etc.

What's Biobrume?

Biobrume is a family of germicides that is marketed by Medzine.

What's special about Biobrume?

The rest of this document focuses mainly on Biobrume, please see the other pages for more details.

Anything else?

Yes! Biobrume is the **only** multi-use germicide available that's non-toxic and so safe that it can be inhaled and even be used on newborns! *This means that you can spray/decontaminate common areas even when they're in use. This significantly reduces downtime without any health risks.*



# Where can **Biobrum** be used?

Short answer: **EVERYWHERE!**

- ✓ Reception
- ✓ Common spaces
- ✓ As a **sanitizer**
- ✓ Cafeteria and other
- ✓ Desks and chairs
- ✓ Teacher lounges
- ✓ Lab areas
- ✓ Fumigating & fogging
- ✓ Sports facilities
- ✓ Walls, floors & carpets
- ✓ Upholstery, incl. leather
- ✓ Metal, plastics
- ✓ Bathrooms, toilets
- ✓ Buses and transport
- ✓ High traffic spaces
- ✓ Wash hands and face
- ✓ Swimming pool
- ✓ Many other...

**Kills**  
**99.9%**  
of viruses, fungi  
& bacteria

- ✓ Anti-viral
- ✓ Anti-bacterial
- ✓ Sporicidal
- ✓ Anti-fungal
- ✓ 100% Natural
- ✓ Non-toxic
- ✓ Hypoallergenic
- ✓ Non-corrosive

# What's *Biobrum*?

- It is a uniquely ecologically friendly, safe disinfectant, cleaner and sanitizer, available pre-formulated for specific use cases or as a *concentrate*.
- It's core component, hypochlorous acid (HOCl), is a strong oxidant that's an important part of the immune system of humans and animals
- HOCl made by electrolyzing water and salt
- It's a 100x more effective disinfectant than sodium hypochlorite (bleach)
- It's non-reactive to materials and reverts to a saline solution after use
- HOCl is used in multiple industries, including schools, hospitals, factories, clean rooms, etc., as disinfectant, sanitizer, cleaner, etc.



Solution	EPA Standards			Features							Microbial Effects					Material Safety			
	Disinfection	Sterilization	Detergent	Toxicity	Human/Pet safe	pH Value	Residual Chems	Taste, smell	Deodorizer	Active in Presence of Organic substances	Hydrophilic/Covid-19	Lipophilic	Pseudomonas	TB Bacteria	Endospores	Endoscope	Electroplated items	Rubber and plastic	Metals
biobrueme/HOCL	●	●	●	○	●	7.0	○	○	●	○	●	●	●	●	●	●	●	●	●
Alcohol-based	○	○	○	○	●	7.0	○	○	○	○	●	●	●	○	●	○	●	○	●
Chlorine, Chloride	●	○	○	●	○	11.0	●	●	○	●	●	●	●	●	○	○	○	○	●
Iodine	●	○	○	●	○	3.5	●	○	○	○	●	●	●	●	○	○	○	○	○
Phenolic	●	○	○	●	○	5.5	●	●	○	○	○	●	●	●	○	○	○	○	○
Acetic Acid	○	○	○	●	○	3.0	○	●	○	●	○	○	○	○	○	○	○	○	○
Formaldehyde	●	○	○	●	○	3.5	●	●	○	●	●	●	●	●	○	○	○	○	○
Symbol    ●    Yes    ○    No                      Colour Coding <div>Good</div> <div>Bad</div>																			

## Dilution recommendation for Biobruce SUPREME

*Only use RO/demineralized water as additive*

Sanitizer	Add 3 parts water	Deodorizer/Fogger	Add 5 parts water
Fruits, veg & meat	Add 7 parts water	Furniture, closets	Add 6 parts water
Sensitive spaces	Add 2.5 parts water	Bedding, towels	Add 4 parts water

The cleaning staff loves our product because one product is used everywhere, they feel safe and don't need special safety equipment when applying it.

Because Biobruce is so safe, without any toxic, organic or other chemicals, and even when inhaled, our product can be used even in crowded common spaces.

**FDA/CE/EPA/WHO approved chemical and formulation**

## Other main features

- *Ultra gentle, non-toxic, without fumes or harmful chemicals*
- *Mildly acidic (pH of 6-6.75), safe on all materials and surfaces!*
- Use on cotton, synthetic and other natural fabrics, leather, wood, ceramic, plastics, stone, metal, etc., no residue!
- Great as a sanitizer, disinfectant or a cleaner
- **Hypoallergenic** – contains no VOC or other organic compounds, alcohol, hydrochloric acid, smell, toxicity or chemical residue
- **Completely kids-safe** – active ingredient is HOCL, which is what our body's immune system naturally produces to fight infections
- **Multi-purpose** – sanitize, disinfect, clean wounds, mouthwash, germicide, on pimples and rashes, fungal infections
- **Food safety** – wash fruits, veggies and meat, no post-wash rinse





<https://biobrume.com>  
[info.biobrume@medzine.us](mailto:info.biobrume@medzine.us)  
+91 88518 31477

