Professional Care

“Reducing Bioburden a critical need of the day”
What is HiGiene Germitol®?
HiGiene Germitol® is a specially formulated product which gives many properties in one bottle. It is a powerful disinfectant cum germicide with detergent property, thus keeping the place sterile and sparkling clean.

What does HiGiene Germitol contain?
HiGiene Germitol® contains Benzalkonium chloride 20% w/v, Cetrimide, Isopropyl Alcohol : 0.5% v/v, Emulsifier.

How does HiGiene Germitol act?
The powerful germicidal, antibacterial and fungicidal action is due to Benzalkonium chloride and Cetrimide. Benzalkonium chloride destroys metabolic activities of microorganisms and also inactivates cell proteins by coagulating them.

How effective is HiGiene Germitol?
HiGiene Germitol® ensures excellent cleansing and rapid disinfection. It destroys spores as well as vegetative forms and thus creates a sterile atmosphere. Essential oils and compounds like jasmine absolute, citronella give soothing and lasting fragrance, eliminating malodour. It has got enhanced stain removing properties and is highly effective even at minor concentration of 1 ml HiGiene Germitol® in 200 ml water. Sustained high degree of asepsis is ensured.

How safe is HiGiene Germitol?
HiGiene Germitol® is totally non-toxic and environment friendly compared to various other products. It is non corrosive and safe to handle.

References:

Product Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Product</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO008</td>
<td>Germitol®</td>
<td>1x5 no</td>
</tr>
<tr>
<td>1:16 NO</td>
<td>Germitol®</td>
<td>1x20 no</td>
</tr>
<tr>
<td>CO08</td>
<td>500 ml Can Pack</td>
<td>1x20 no</td>
</tr>
<tr>
<td>CO09</td>
<td>Germitol®</td>
<td>5 l Can Pack</td>
</tr>
<tr>
<td>1:20 NO</td>
<td>5 l Can Pack</td>
<td>1x2 no</td>
</tr>
</tbody>
</table>

**pH Level**: pH 6 ± 0.5

* TM : Trade mark owned by HiMedia.

* These products can be used in Plant Tissue Culture work.
What is CombiSept?  
CombiSept is a clear golden brown transparent liquid cleaner concentrate-cum-disinfectant for high risk areas OT, ICU and Critical Care Units.

What does CombiSept contain?  
It contains 15% Poly (hexamethylene biguanide) hydrochloride (PHMB) 15%, formaldehyde and alkyl dimethyl benzyl ammonium chloride (BKC) 20%.

How does CombiSept act?  
After spraying or application as directed, it kills all potential pathogenic flora as well as saprophytic flora which includes gram-positive bacteria, gram-negative bacteria, fungi, fungal spores and viruses. The chemical ingredients individually impairs metabolic functions of microbial entities, acting on plasma membrane thus lysing cell, coagulating proteins and inactivating enzymes. Dilution of 1:100 is recommended for use.

How effective is CombiSept?  
It kills all microbes on the surface applied may be floors or surface of OT, ICU & heavily infected areas. It is a very strong disinfectant.

How safe is CombiSept?  
It offers excellent disinfection of applied areas. The concentration of ingredients is totally nontoxic, eco friendly. This product needs careful handling.

References:  

Product Information  
CombiSept Disinfectant Liquid

<table>
<thead>
<tr>
<th>Code</th>
<th>Product</th>
<th>Packing</th>
</tr>
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<tr>
<td>CD032</td>
<td>CombiSept in 500 ml Can Pack</td>
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<td>CD033</td>
<td>CombiSept in 1 lit Can Pack</td>
<td>1x6 no</td>
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<tr>
<td>CD034</td>
<td>CombiSept in 5 lit Can Pack</td>
<td>1x2 no</td>
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</tbody>
</table>

*pH Level : pH 6.0  
With active ingredient PHMB

Kills Germs  
1. Plate inoculated with swab taken of external surface of suction apparatus.
2. Plate inoculated with swab of same surface after applying combisept.

Drastic reduction of microbial flora.
**Sanitize your Environment the Global way**

Reduces the bio-burden within 5 minutes
Harmless, neutral and eco-friendly formulation.

**What is Purair Antimoth**

Purair Antimoth is a powerful disinfectant cum air purifier. It keeps the environment hygienic and safe.

**What Purair Antimoth contains**

Purair Antimoth contains Benzalkonium chloride, Isopropyl alcohol, Neem extract, Surfactant, Emulsifier and Perfume.

**How Purair Antimoth acts**

Ethanol destroys 99.99% of all microbes viz., gram-positive and gram-negative bacteria, fungi and viruses. Benzalkonium chloride shows excellent germicidal property by destroying spores as well as vegetative form of microorganisms. Benzalkonium chloride acts on the microbes by inactivating enzymes and coagulating proteins. Neem extract kills odour causing bacteria and repels insects. **Purair Antimoth** is mildly perfumed giving pleasant fragrance in the surroundings.

**How safe is Purair Antimoth**

Purair Antimoth is an eco-friendly formulation. It is a moth repellant and a powerful disinfectant.

**References**


**Product Information**

**Purair Professional-Antimoth**

Air Purifier Disinfectant Spray

<table>
<thead>
<tr>
<th>Code</th>
<th>Product</th>
<th>Packing</th>
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</thead>
<tbody>
<tr>
<td>C0014</td>
<td>Antimoth w/ Spray pump in 500 ml Bottle</td>
<td>1x12 no</td>
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<tr>
<td></td>
<td></td>
<td>1x14 no</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1x20 no</td>
</tr>
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</table>

With active ingredient Benzalkonium chloride I.P.

**pH Level**: pH 6 ± 0.5
A Global Choice brought to you by HiMedia

What is SteRapid®?
SteRapid® is a clear transparent watery light blue liquid used for rapid disinfection of medical devices, equipments, surgical equipments, instruments and other critical parts.

What does SteRapid contain?
It contains PHMB - 2.5% w/v i.e. poly (hexamethylene biguanide) hydrochloride, BKC - 1.0% w/v - i.e. alkyl dimethyl benzyl ammonium chloride, IPA 36% v/v. It is a specially formulated spray with rust inhibitors thereby protecting the equipments from corrosion & dust.

How does SteRapid act?
After spraying SteRapid, the liquid dries quickly leaving active antimicrobial ingredient on the surface which form protective layer on the surface. PHMB has antimicrobial (gram-negative and gram-positive) and anti amoebic activity. BKC has bactercidal and fungcidal activity destroying fungal spores. It also inactivates viruses for eg. MIV & HIV. These compounds basically disrupt the plasma membrane of living cell to which cellular contact is lost. Highly effective rust inhibitor protects the costly devices from corrosion.

How effective is SteRapid?
On spraying, instantly the undesirable microbial load is reduced by 99.99% within 30 seconds. It is active against bacteria, fungi, amoebas, spores, TB, HIV & rota viruses.

References:

Product Information

<table>
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<tr>
<th>Code</th>
<th>Product</th>
<th>Packing</th>
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<tbody>
<tr>
<td>CD028-1x5 NO</td>
<td>SteRapid Spray Bottle in 500 ml Pack</td>
<td>1x5 no 1x20 no</td>
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With active ingredient PHMB & BKC

Kills Germs

1. Plate inoculated with swab of surface of the equipment.
2. Plate inoculated with swab of same surface after spraying SteRapid.

Drastic reduction of microbial flora.
What are Hispark Cleaning Solutions?
Hispark Cleaning Solutions are clear colourless alcoholic antiseptic with alkaline (HS001/ HS003) and neutral pH (HS002).

How effective are Hispark Cleaning Solutions?
Hispark Cleaning Solutions are universal cleaning agent for heavy contamination. For hard water even up to . they are used for cleaning tables, tiles and floors in lab. They are also used for cleaning precision instruments of glass quartz and sensitive metals. They are also used for ultrasonic cleaning.

How safe are Hispark Cleaning Solutions?
Hispark Cleaning Solutions causes mild irritation to eyes and skin

What does Hispark Alkaline Cleaning Solutions contains?
Hispark alkaline cleaning solutions contains –
n-alkyl benzenesulphonic acid, sodium salts
n-alkyl benzenesulphonic acid, triethanolamine salts

References:

Product Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Product</th>
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<tbody>
<tr>
<td>HS001-500ML</td>
<td>HiSpark Alkaline Cleaning Solution, Biodegradable</td>
<td>500ml</td>
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<tr>
<td>HS001-5L</td>
<td>HiSpark Cleaning Solution, Neutral, Biodegradable</td>
<td>5lt</td>
</tr>
<tr>
<td>HS002-500ML</td>
<td>HiSpark Alkaline Cleaning Solution, Phosphate free, Biodegradable</td>
<td>500ml</td>
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<tr>
<td>HS002-5L</td>
<td>HiSpark Cleaning Solution, Neutral, Biodegradable</td>
<td>5lt</td>
</tr>
<tr>
<td>HS003-500ML</td>
<td>HiSpark Alkaline Cleaning Solution, Phosphate free, Biodegradable</td>
<td>500ml</td>
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<tr>
<td>HS003-5L</td>
<td>HiSpark Cleaning Solution, Neutral, Biodegradable</td>
<td>5lt</td>
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</table>

* TM : Trade mark owned by HiMedia
Kills Germs

Antimicrobial activity: Kills pathogenic microorganisms like Pseudomonas, E. coli, Staphylococci, Salmonella, Listeria, Dysentery bacilli, Tubercule bacilli under conditions for disinfection as directed on the label.

1. Plate inoculated with hands that had handled a floor cleaning mop.
2. Plate inoculated with the same hands after a 2 shots rub with HiCare Triclogel.

Zentol is an Instant hand disinfectant rub, widely appreciated for use due to its prolonged disinfectant effect for about 5 - 6 hours. It is a golden yellow coloured transparent liquid pleasantly performed.

What does Zentol contain?
It contains Chlorehexidine gluconate (20%) 2.5 w/v ethyl alcohol 70% (v/v) with vitamin E for nourishment of hands, moisturizers and aloe vera and humectants which keeps hands soft and conditioned.

How effective is Zentol?
Zentol is an effective instant hand rub. It leaves the hands sterilized for more than 5 - 6 hours. It kills 99.99% of all microbes viz gram-positive and gram-negative bacteria, fungi, viruses including HIV and HBV within 15 seconds.

How does Zentol act?
Chlorehexidine gluconate is bactericidal / bacteriostatic against wide range of gram-positive and gram-negative bacteria. It kills yeast, fungi and viruses also. It is most active at a neutral and slightly acid pH. Combination of chlorehexidine gluconate and alcohol enhances the efficacy of lethal effect. It can be used as a surgical scrub to reduce the number of microorganisms on hands and forearms prior to surgical procedures.

How safe is Zentol?
Use of soaps and chemical scrubs causes dryness of hands, cracking of skin, wrinkling by frequent wetness. Incorporation of vitamin E and aloe vera, moisturizer leaves the hands clean, soft, supple and well nourished. The concentration of chlorehexidine gluconate and ethanol used in formulation is non toxic and is non allergic.

References:

**Product Information**

<table>
<thead>
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<th>Product</th>
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<tbody>
<tr>
<td>CO025</td>
<td>1x50 no</td>
<td>Zentol with flip top cap (in 100 ml bottle)</td>
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<tr>
<td>CO026</td>
<td>1x20 no</td>
<td>Zentol Dispenser Bottle w/ pump (in 500 ml bottle)</td>
</tr>
<tr>
<td>CO027</td>
<td>1x20 no</td>
<td>Zentol Refill Pack w/ pump (in 500 ml Bottle)</td>
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</table>

These products can be used in Plant Tissue Culture work.

Kills Germs

1. Plate inoculated with hands of worker washing discard items.
2. Plate inoculated with same hands after applying zentol.

Antimicrobial activity seen.

For life is precious

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**What is HiShield Handguard**?  
HiShield Handguard is skin friendly, hygienic RUB IN HAND skin antiseptic lotion with Vitamin E and Aloe vera.

**What does HiShield Handguard contain?**  
Chlorhexidine Gluconate I.P. : 5% w/v, Vitamin E, Aloe vera, other emollients and moisturizers.

**How effective is HiShield Handguard?**  
HiShield Handguard kills 99.99% germs giving extra high cleansing of visible dirt. It has good residual property and leaves the hands sterilized for more than 5 hours.

**How safe is HiShield Handguard?**  
Soap agents are often harsh, potentially irritating that leave a residue which can dry the skin. On the other hand even on extensive use of HiShield Handguard, the skin remains smooth and well nourished due to Vitamin E, Aloe vera, other emollients and softeners. It is non-allergic and safe to all persons with sensitive skin.

**References**:  

| Kills Germs | Hand Disinfection (3 ml) |
| Gently Moisturises | Skin Disinfection (6 ml) |
| Easy to use | Surgical Hand Disinfection (9 ml) |
| No Spills | |

**Product Information**

**Handguard Antiseptic Disinfectant Gel**

<table>
<thead>
<tr>
<th>Code</th>
<th>Product</th>
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<tbody>
<tr>
<td>C0011 - 1x5 NO</td>
<td>Handguard Dispenser Bottle w/ pump in 500 ml Pack</td>
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<tr>
<td>C0012 - 1x20 NO</td>
<td>Handguard wash with flip top bottle in 100 ml pack</td>
<td>1x50 no</td>
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</table>

* pH Level: Neutral.
* These products can be used in Plant Tissue Culture work.
* TM: Trade mark owned by HiMedia

**Antimicrobial activity**: It destroys microorganisms like Staphylococi, Pseudomonas, Acanthaamoeba and viruses.

1. Plate inoculated with hands that had handled a floor cleaning mop.  
2. Plate inoculated with same hands after 2 shots rub with Handguard.
What is CombiClean? 
CombiClean is a powerful cleaner-cum-disinfectant. It removes stubborn stains from toilet, bowls, urinals, washbasins, sinks, ceramic tiles and tile flooring of bathrooms, washrooms etc. more readily than any other medium.

What does CombiClean contain? 
CombiClean contains 0.05% BKC, Poly (Hexamethylene biguanide) hydrochloride, non ionic surfactant and chelating agents.

How does CombiClean act? 
It is a unique formulation which performs distinct function of cleaner, disinfectant and bleach. It is a powerful cleaner-cum-stain remover. The chemicals used in the formulation are selected after careful evaluation of their cleaning properties. Some of the properties of these chemicals are altered by complex chemical reaction to make them combine effectively with other ingredients. CombiClean contains highly active cleaning acid which in combination with cleaning agents and non-toxic surfactant forms thick viscous clear liquid.

How effective is CombiClean? 
CombiClean kills 100% germs that breed in the toilets. It kills spores as well as vegetative forms of germs thus effectively checking the growth of germs. Due to combined effect of ingredients it has enhanced stain removing property.

Method of use: Spread CombiClean evenly on the sides and corners of the pot with the help of the brush. Keep it for 20 minutes and flush to get sparkling clean appearance. All the other ceramic parts can be similarly cleaned with CombiClean.

How safe is CombiClean? 
This product is acidic in nature. The product should be handled carefully.

References:

Product Information
- Removes stains
- Powerful cleaner
- Powerful disinfectant
- Eco friendly

Kills Germs
1. Plate inoculated with swab of the bathroom floor.
2. Plate inoculated with swab of the same surface after combiclean application

Total reduction of microbial flora.
What is Germisol* ?
Germisol is a surface sanitary disinfectant having powerful disinfecting and germicidal action.

What does Germisol contain ?
Germisol contains Benzalkonium chloride, 4%, Poly( hexamethylene biguanidine) hydrochloride- PHMB 0.5%, indicator, emulsifiers and perfumes.

How does Germisol act ?
It is active against bacteria, fungi and viruses. It destroys spores as well as vegetative forms of microorganisms. Besides being germicidal it has excellent detergent and enhanced stain removing properties.

How effective is Germisol ?
On application the microbial load is reduced to 99.99% within a minute.

How safe is Germisol ?
It is totally nontoxic and ecofriendly. Recommended dilution for use is 1:70.

References :

Product Information

<table>
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<tbody>
<tr>
<td>C0084 - 1x10 NO</td>
<td>Germisol in 500 ml Can Pack</td>
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<tr>
<td>C0084 - 1x20 NO</td>
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<tr>
<td>C0086 - 1x2 NO</td>
<td>Germisol in 5 LCan Pack</td>
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</tr>
</tbody>
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Germisol Professional
Surface Sanitary Products
For life is precious

Kills Germs

1. Plate inoculated with swab showing microbial load of toilet floor before Germisol application.
2. Plate inoculated with swab of same area after Germisol application.

Reduction of microbial flora.
Hygienic Handrub

Standard rub method as per European Standard EN 1500

Following the procedure shown below, vigorously rub HiCare Triclogel into the hands up to the wrists for 30 seconds. Carry out the movements of each step (step 2 to 7) five times. After the end of step 7, individual steps should be repeated for the duration of the contact time. If necessary, apply more hand disinfectant. Ensure that the hands remain moist throughout the rub-in time.

For life is to be revered.

For life is precious