

Name of the Product : **Germisol**
 Code No. : **CO086**
 Section 1 : **Chemical Identification**
 Code No. : CO086
 Name of the Product : Germisol
 Produced by : HiMedia Laboratories Pvt. Ltd.
 Address : 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.
 Tel. No. : 2500 0970, 2500 1607 Fax No. 022 2500 2468

Section 2 : **Composition**

Ingredients	Ingredients	
*Poly (hexamethylene biguanidine) hydrochloride	*Benzalkonium chloride	4.0 % w/v
0.5% w/v		
* Irritant / Corrosive / Dangerous for the environment material		



Poly (hexamethylene biguanidine) hydrochloride
 CAS No. : 27083-27-5
 R : 36/37/38 S : 26-28



Benzalkonium chloride
 CAS No. : 8001-54-5
 R : 21/22-34-50 S : 36/37/39-45-61
 RTECS : BO 3150000

Section 3 : **Hazards Identification**



Health Hazard : Overexposure may have an irritant effect on eyes and respiratory organ. In certain sensitive individuals irritant effect on skin is possible due to overexposure.

Caution : Do not breathe vapours. Avoid contact with eyes.



Hazard : Living tissue as well as equipment are destroyed on contact with these chemicals.

Caution : Do not breathe vapours and avoid contact with skin, eyes and clothing.



Hazard : Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term.

Caution : Avoid release to the environment.

Section 4 : **First - Aid Measures**

In case of swallowing, wash out mouth with water provided person is conscious. In case of inhalation, remove to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

Section 5 : **Fire Fighting Measures**

Extinguishing Media. Water spray.

Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Unusual fire and explosions hazards Emits toxic fumes under fire conditions.

- Section 6 : **Accidental Release Measures**
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
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- Section 7 : **Handling and Storage**
Handling - Refer to Section 8
Storage - Store below 30°C
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- Section 8 : **Exposure Controls / Personal Protection**
Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.
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- Section 9 : **Physical and Chemical Properties**
Appearance : Clear liquid
Colour : Golden Brown
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- Section 10 : **Stability and Reactivity**
Stability : Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C.
Conditions to avoid : Heat and light.
Decomposition products : if product is decomposed toxic fumes of carbon monoxide and carbon dioxide may evolve. Hazardous polymerization will not occur.
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- Section 11 : **Toxicological Information**
Acute Effects : May be harmful if swallowed.
Overexposure can cause : Nausea or vomiting. Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
RTECS No. : BO 3150000
For complete information RTECS may be referred.
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- Section 12 : **Ecological Information**
Data not available
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- Section 13 : **Disposal Considerations**
On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.
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- Section 14 : **Transport Information**
UN No. : Not applicable.
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Section 15 : **Regulatory Information**

Risk Phrases : Irritating to eyes, respiratory system and skin

Risk Phrases : Harmful in contact with skin and if swallowed

Risk Phrases : Causes burns

Risk Phrases : Very toxic to aquatic organisms

Safety Phrases : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Safety Phrases : After contact with skin, wash immediately with plenty of soap-suds.

Safety Phrases : Wear suitable protective clothing, gloves and eye/face protection

Safety Phrases : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Safety Phrases : Avoid release to the environment. Refer to special instructions/Safety data sheets



Health Hazard : Overexposure may have an irritant effect on eyes and respiratory organ. In certain sensitive individuals irritant effect on skin is possible due to overexposure.



Significance of signs : Living tissue as well as equipment are destroyed on contact with these chemicals.



Significance of signs : Substances which are harmful to the aquatic (aquatic organisms, waters), as well as the non-aquatic environment (fauna, flora, atmosphere) or which have a detrimental effect at longer term.

Section 16 : **Other Information**

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.