

# Material Safety Datasheet

## Company Details

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## 1. Product and Company Identification

**Trade / Commercial Name** BacPlus  
**Chemical Family** Alkaline disinfectant

## 2. Composition

**Hazardous Components** N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl chloride  
5-15 %  
CAS No-68424-85-1

## 3. Hazards Identification

Flammable  
Harmful if swallowed.  
Causes burns.

## 4. First Aid Measures

**First Aid Skin** Wash off with soap and water.  
Remove clothing.  
Shower thoroughly.  
**First Aid Eyes** Flush eyes with water for 15 minutes.  
Hold eyelids open while washing. Call physician.  
**First Aid Ingested** Clean mouth with water and drink afterwards plenty of water

## 5. Fire Fighting Measures

Flammability: flammable  
Extinguishing Media: Dry powder, water spray, foam.  
Exposure Hazards: Products of combustion are toxic.

Protective Equipment: Fire-fighters should wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection

## 6. Accidental Release Measures

Full protective clothing including breathing apparatus  
Dilute (substance may be washed to drain with a lot of water)

### PRECAUTIONS:

Restrict access to area.  
Provide adequate protective equipment and ventilation.  
Remove sources of heat and flame.  
Notify occupational and environmental authorities.

### SPILL OR LEAK:

Do not touch spilled material. Keep spill out of sewers and open bodies of water. Sweep up spills into appropriate containers for recovery or disposal.

## 7. Handling And Storage

Handling: Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection.

Storage: Store in original containers in a cool, dry place. Avoid extremes of temperature.

## 8. Exposure Controls/Personal Protection

Occupational Exposure Limits NA

Controls The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure.  
Have a safety shower/eye wash fountain readily available in the immediate work area

Personal Protection Wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, imperious gloves, coveralls, & respiratory protection.  
Have appropriate equipment available for use in emergencies.

## 9. Physical & Chemical Properties

Clear Blue liquid  
pH : 10.5-11.5

## 10. Stability And Reactivity

Conditions to Avoid No data available  
Hazardous reactions Stable at normal conditions

## 11. Toxicological Information

Eyes: Corrosive-Causes severe burns and may cause permanent damage.  
Skin: Causes severe burns

Ingestion: causes severe burns

## **12. Ecological Information**

This material is expected to be toxic to aquatic life.

## **13. Disposal Considerations**

<u>Disposal Method Product</u>	We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.
<u>Disposal Method Packaging</u>	Disposal in accordance with local legal provisions.

## **14. Regulatory Information**

<u>EEC Hazard Classification</u>	Flammable
<u>Risk Phases</u>	Causes burns
<u>Safety Phases</u>	Keep out of reach of children In case of contact with eyes, rinse immediately with plenty of water and seek medical advise. After contact with skin wash immediately with plenty of water. Wear suitable protective clothing, gloves and eye/face protection.

## **15. Other Information**

Handle and apply only as recommended.  
The information contained herein is based on the present state of our knowledge.  
It characterizes the product with regard to the appropriate safety precautions.  
It does not represent a guarantee of the properness of the product.

**Date prepared:** 30 Sept 2009

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