



# MATERIAL SAFETY DATA SHEET

## MICROQUELL 256

### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : CORORID BROAD SPECTRUM DISINFECTANT 256

PRODUCT USE : High Level Disinfectant for surfaces

#### Company Identification:

M/s. AARSHA CHEMICALS PVT.LTD.

Regd.Office & Factory:

Plot No.17/27, MIDC Taloja Industrial Area,  
Taloja, Dist : Raigad, Maharashtra – 410 208

Tel Off: 2542 6466, 2533 4279 Factory: 2741 24 67 ,2740 27 48

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### Section 2 - HAZARDS IDENTIFICATION

Physical and chemicals hazards: Not flammable or combustible.

#### Potential Acute Health Effects:

*Eyes* : Causes serious eye damage

*Skin* : Health injuries are not known or expected under normal use

*Inhalation* : Health injuries are not known or expected under normal use

*Ingestion* : May be harmful if swallowed

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	Content %
N-Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	8.190
Didecyl Dimethyl Ammonium Chloride	7173-51-5	8.704

### Section 4 - FIRST AID MEASURES

**Eye Contact** : Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing eyes. Get medical attention immediately.

**Skin Contact** : Take off contaminated clothing. Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

**Inhalation** : If breathing is difficult: Remove to fresh air. Get medical attention immediately.

**Ingestion** : Call medical attendant, doctor immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a doctor. Never give anything by mouth to an unconscious person.

## Section 5 - FIRE FIGHTING MEASURES

**Flammability of the product:** It is an aqueous solution containing an alcohol and does not sustain combustion.

**Flash Points:** Closed cup: 86.111<sup>0</sup>C (187<sup>0</sup>F)

**Products of Combustion:** None Known

**Fire Fighting Media and Instructions:** Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam.

**Protective clothing (Fire):** Put on appropriate personal protective equipment (see Section 8).

**Special remarks on Fire and explosion hazards:** Corrosive material (See section 8 and 10)

## Section 6 - ACCIDENTAL RELEASE MEASURE

**Personal Precautions:** Put on appropriate personal protective equipment (see Section 8).

**Environmental Precautions and Clean up methods:** In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean up.

## Section 7 - HANDLING AND STORAGE

**Handling** : Avoid contact with eyes, skin and clothing. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Avoid breathing vapors or spray mists. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue.  
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage** : Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. Keep out of reach of children.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls** : Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

### Personal Protection

Eyes	: Chemical splash goggles.
Hands	: Chemical resistant gloves
Respiratory	: No specific personal protection equipment is required.
Feet	: No specific personal protection equipment is required.

Body : If major exposure is possible, wear suitable protective clothing and footwear.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance : Liquid  
Color : Green  
Odor : Temptations  
pH : 8.6  
Specific Gravity : 1.02  
Solubility in water : Soluble  
Stability : The product is stable

### Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

Reactivity : No dangerous reaction known under conditions of normal use.  
Stability and Reactivity : The product is stable under normal conditions.  
Incompatibility with - : Reactive with acids  
Various Substances  
Hazardous Decomposition - : When exposed to fire: Produces normal products of combustion.  
Products  
Hazardous polymerization : Will not occur

### Section 11 - TOXICOLOGICAL INFORMATION

Potential Health Effects  
Eyes : Causes serious eye damage  
Skin : Health injuries are not known or expected under normal use.  
Ingestion : May be harmful if swallowed  
Inhalation : Health injuries are not known or expected under normal use.  
Effects of Chronic Exposure : Health injuries are not Known under normal use.  
Other Toxic Effects : Not known.  
Acute toxicity : ORAL (LD50) Estimated to be between 900 and 2000 mg/kg (rat).  
Corrosive.

### Section 12 - ECOLOGICAL INFORMATION

Eco toxicity  
Environmental Effects : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.  
Toxicity to Fish : No data available  
Toxicity to algae : No data available

### Section 13 - DISPOSAL CONSIDERATIONS

**Disposal methods** : The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

**Disposal considerations:** Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, state, and federal regulations.

### Section 14 - TRANSPORTATION INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

#### Land transport

UN number : 3082

Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(quaternary ammonium compound)

Class : 9

Packing group : III

Hazchem Code : -

Environmentally hazardous : Yes

#### Sea transport (IMDG/IMO)

UN number : 3082

Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(quaternary ammonium compound)

Class : 9

Packing group : III

Marine pollutant : Yes

## Section 15 - REGULATORY INFORMATION

Symbol(s)	: C - CORROSIVE N - DANGEROUS FOR THE ENVIRONMENT
R-phrase(s)	: R41 - Risk of serious damage to eyes. R22 - Harmful if swallowed. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	: S25 - Avoid contact with eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S57 - Use appropriate container to avoid environmental contamination. S60 - This material and/or its container must be disposed of as hazardous waste.

### **The components of this product are reported in the following inventories:**

**1907/2006 (EU)** : not determined

**United States TSCA Inventory** : All substances listed as active on the TSCA inventory

**Canadian Domestic Substances List (DSL)** : All components of this product are on the Canadian DSL.

**Australia. Industrial Chemical (Notification and Assessment) Act** : On the inventory, or in compliance with the inventory

**New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand** : not determined

## Section 16 - OTHER INFORMATION

To the best of our knowledge the information contained herein is accurate. However neither, Aarsha Chemicals or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Prepared by : Aarsha Chemicals Pvt. Ltd.

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