

# MATERIAL SAFETY DATA SHEET

According to 2001/58/EEC

## 01. PRODUCT AND COMPANY IDENTIFICATION

M9009



Atlantic Care Chemicals Pvt. Ltd

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IEM 100110/01

## ECHO-ZAN BK

Surface cleaner and sanitizer

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## 02. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS	Weight %
Quaternary Ammonium Chloride	122 - 18 - 9	05 - 20 %
Alkyl poly glucosid	29781 - 81 - 5	05 - 10 %
R O water	7732 - 18 - 5	30 - 70 %

## 03. HAZARDS IDENTIFICATION

Irritant to eyes

## 04. FIRST AID MEASURES

Inhalation	Non hazardous
Skin contact	Wash with water
Eye contact	Wash eyes immediately with large amounts of water. Get medical attention if irritation persists.
Ingestion	Rinse mouth thoroughly with water and drink water afterwards. Consult a doctor if necessary.

## 05. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to surrounding fire
Specific hazard	Non flammable, it does not present any particular risk on the event of fire.
Flash point	Above 230°C
Boiling point	Above 98°C

## 06. ACCIDENTAL RELEASE MEASURES

Remove the spill with mechanical equipment and dispose of in accordance with section 13. Wash non-recoverable remainder with large amounts of water.

## 07. HANDLING AND STORAGE

No potential risk identified on handling.

**STORAGE:** Take all necessary measures to avoid accidental discharge of the products into drains and waterways due to the rupture of containers or transfer systems. Stable under normal storage conditions. Keep in the original container on a cool ventilated place. Container must be tightly closed after usage.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ensure good ventilation of the workstation.

**Personal Protective equipment** : Safety spectacles.

**Emergency equipment** : Safety shower, Eye fountain etc.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless clear Liquid
Chemical nature	Cationic
pH	7.0 - 8.0
Detergency	Very good
Biodegradability	Bio-Degradable
Solubility	Completely soluble in water

## 10. STABILITY AND REACTIVITY DATA

Stable under normal conditions of use. No dangerous reaction known under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

Local effects : No potential risk identified

## 12. ECOLOGICAL INFORMATION

Biodegradable

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with safety regulations. Incinerate at a licensed installation

## 14. TRANSPORT INFORMATION

Land (ADR/RID)	Not Restricted
Sea (IMO/IMDG)	Not Restricted
Air (ICAO-IATA)	Not Restricted

## 15. REGULATORY INFORMATION

Mandatory labeling (self-classification) of hazardous substances applicable. Classification/Symbols:



Xi (Irritant)

IRRITANT (Xi)

R phrases:

R 36 : Irritating to eyes

R 50/23 : Very toxic to aquatic organism, may cause long term advance effect in aquatic environment.

S phrases:

S 26 : In case of contact with eyes, rinse with plenty of water and seek medical advice

## 16. OTHER INFORMATION

Caution: For manufacturing, processing or repacking by trained personnel

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