



EAST COAST ORGANICS PRIVATE LIMITED

Regd. Office & Factory : 237/2, Vellivoyal Chavadi,
Chennai – 600 103. India.



MATERIAL SAFETY DATA SHEET

ECOMAX

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ECOMAX
Company Identification: 237/2, Vellivoyal Chavadi
Chennai – 600 103. Tamilnadu
Office Telephone No: 044 64606747

2. COMPOSITION / INFORMATION OF INGREDIENTS

Chemical description: Benzalkonium chloride

CHEMICAL NAME CAS NO.	CAS NO.	EINECS NO.	WT%
Ammonium, alkyl dimethylbenzyl-, chloride	8001-54-5	No data available	3% solution

3. HAZARD IDENTIFICATION

Classification of the substance or mixture :

Classification according to EU
directives 67/548/EEC or 1999/45/EC
REGULATION (EC) No. 1272/2008
Classification of the substance or
mixture

Label elements :

Hazard Statements	Causes severe skin burns and eye damage. Causes serious eye damage.
Precautionary Statements Prevention	Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statements Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
Precautionary Statements - storage	Store locked up.



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Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

4. FIRST AID MEASURES

Inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest

Skin Contact :

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention

Eye Contact :

Check for and remove any contact lenses. In case of contact, Immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention

Ingestion :

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

Corrosive effects. Gastrointestinal disturbances. Respiratory depression.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special hazards arising from the substance or mixture:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Protective Equipment and Precautions for Firefighters

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear suitable gloves and eye/face protection.

Environmental precautions:

Methods and material for containment and cleaning up:

Absorb with an inert material and put the spilled material in an appropriate waste disposal

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin and clothing



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Storage:

Keep container tightly closed. Store between 10 C and 25 C.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Protective Measures - Eyes
Protective Measures - Body

Safety glasses or chemical goggles to EN166, 167 and 168
Lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless liquid
Odour:	Aromatic.
pH-value:	1.10 – 1.30.
Boiling point/Boiling range:	Not available
Explosive propertive :	
Flammability (solid, gas) :	Not applicable
Explosion Limits :	Not applicable
Vapour pressure :	Not available
Specific gravity :	1.02 – 1.04 (Water = 1)
Vapour Density :	>1 (Air = 1)
Solubility :	Easily soluble in cold water
Partition coefficient :	Not available
Auto-ignition temperature :	Not applicable

10. STABILITY AND REACTIVITY

Reactivity	No reactivity hazards known.
Chemical stability	Stable under recommended storage and handling conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Oxidizing agents.
Hazardous decomposition products :	Carbon oxides (CO, CO ₂) nitrogen oxides (NO, NO ₂ ...) Ammonia. Hydrogen Chloride (HCl)

11. TOXICOLOGICAL INFORMATION

Acute toxicity: (LD50/oral/rat)	Low order of acute toxicity. Oral LD50 (rat) > 2000 mg/kg. Dermal LD50 (rabbit) > 2000 mg/kg.
Inhalation LC50 (rat) :	> 20 mg/litre/4h.
Skin irritation / sensitisation	Hazardous in case of skin contact (irritant). The possibility of allergic sensitisation should be considered.
Eye irritation	Hazardous in case of eye contact (irritant).



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12. ECOLOGICAL INFORMATION

Ecotoxicity : No Specific Data.

13. DISPOSAL CONSIDERATIONS

Waste Disposal methods Hazardous waste. Dispose of down sink with plenty of running water

14. TRANSPORT INFORMATION

UN Number Not regulated
ADR/RID Not regulated as Dangerous Goods according to the ADG Code

15. REGULATORY INFORMATION

Risk Phrases R36/38- Irritating to eyes and skin.
Safety Phrases S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37- Wear suitable gloves.
EC Classification Xi Irritant

16. OTHER INFORMATION

Emergency seek Medical Aid