



Safety Data Sheet

Identification of the Substance/Preparation and Company

1. **Product Name :- Cleanguard** (Revised 30.11.98)
Supplied By :- Safeguard Solutions Limited, 8 The Quadrant, Hoylake. Wirral CH 47 2 EE
Tel: 0151 632 5500 Fax: 0151 632 6060 Emergency Phone: 0151 606 0457

Composition/Information on Ingredients

2. Material :-	<u>Cas No</u>	<u>EEC No</u>	<u>Risk Phrases</u>
<i>Proprietary preparation containing a blend of Cationic, Amphoteric & Non-ionic surface active agents and water conditioners.</i>			
<i>Quaternary ammonium compound</i>	139-08-02	N/K	R34-22
<i>Polybiguanide hydrochloride</i>	027083-27-8	N/K	R38-43
<i>Primary Fatty alcohol ethoxylate</i>	68131-39-5	N/K	R22-36-50

Hazards Identification

3. *Preparation irritating to eyes and skin. At use concentrations no significant effects occur, however vapour or aerosols, if generated, can cause irritation of the eyes, nose and respiratory tract.*

First Aid Measures

4. a) **Inhalation :-** *Not applicable in normal operations, but as a precaution remove to fresh air.*
b) **Skin :-** *Wash off with soap and water. Rinse off and if irritation persists obtain medical attention.*
c) **Eyes :-** *Flush with clean water for 15 minutes and if irritation persists obtain medical attention.*
d) **Ingestion:-** *Wash out mouth with water and give water or milk to drink to dilute, obtain medical attention. Do not induce vomiting.*

Fire Fighting Measures

5. a) **Preparation is not flammable :-** *Advice below refers to fires on premises where product is used/stored.*
b) **Extinguishing Media :-** *Carbon Dioxide, Foam, Dry Powder, Water Fog.*
c) **Thermal Decomposition Products :-** *CO, CO₂, Hydrogen chloride, oxides of Nitrogen and Sodium.*
d) **Special Equipment Etc. :-** *Self contained breathing apparatus.*

Accidental Release Measures

6. *It may be possible to dilute small quantities and flush to foul sewer, however advice on discharge of trade effluent should be sought from Water Authority. Collect up large quantities and absorb in soil or sand and place in a suitable plastic or steel container for subsequent disposal to an approved site. Wash down spill area with plenty of water.*

Handling and Storage

7. *Avoid contact with concentrate. Wear suitable protective clothing. Gloves and face/eye protection. Keep container closed when not in use. Store in a cool dry place away from foodstuffs.*

Exposure Controls/Personal Protection

8. **Protection Measures :-** *Adopt good standards of health and hygiene and safe working practices. At use concentrations adequate ventilation is recommended where mists may be encountered. Local mechanical exhaust is recommended or use of suitable respirators for mist/particulate. Wear suitable industrial workwear.*

Physical and Chemical Properties

9. a) **Appearance :-** *Clear Colourless Liquid* b) **Specific Gravity :-** 1.030 c) **pH :-** 12.5
d) **Boiling Point :-** *approx. 100oC* e) **Freezing Point :-** 0oC f) **Flash Point :-** N/A
g) **Vapour Pres (mmHg) :-** *as water* h) **Sol/misc with water :-** *Soluble* i) **% Volatile :-** >85%

Stability and Reactivity

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|-----|---------------------------------|---|
| 10. | a) Stability :- | Stable |
| | b) Known Hazardous Reactions :- | N/K |
| | c) Materials to avoid :- | In use Bactericides neutralised by soaps and other anionic surface active agents. |

Toxicological Information

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| 11. | a) Mists may cause annoyance to eyes, by inhalation and there might be skin irritation to sensitive skins. From literature thought to be of low oral toxicity. |
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Ecological Information

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| 12. | a) Mobility :- | Soluble in aqueous systems. |
| | b) Aquatic Toxicity :- | May be detrimental due to surface active agents. |
| | c) Degradability :- | Polybiguanide slowly biodegradable in water. |
| | d) Bio Accumulation :- | Cationic compounds adsorb on to suspended solids. Thus Bioaccumulation not expected and toxicity reduced. |

Disposal Considerations

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| 13. | a) Preparation :- | Via an authorised waste disposal contractor to an approved waste disposal site observing all local and national regulations. |
| | b) Container :- | Same as preparation. |

Transport Information

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|-----|-------------------|---------------|-----------------------------|---------------|
| 14. | a) U.N. No :- | Not Regulated | b) Primary Hazard :- | Not Regulated |
| | c) Packing Gp. :- | Not Regulated | d) Hazard ID No :- | Not Regulated |
| | e) Class :- | Not Regulated | f) ADR/RID Item No :- | Not Regulated |
| | g) Hazchem :- | Not Regulated | h) Emergency Action Code :- | Not Regulated |

Regulatory Information

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|-----|----------------------------|------------|---|------------|------------------|------------|
| 15. | a) Supply Label Details :- | Ref CHIP 2 | b) Label Name :- | Cleanguard | c) Symbol (s) :- | X irritant |
| | d) Risk Phrases :- | R.36/R38 | Irritating to eyes and skin. | | | |
| | e) Safety Phrases :- | S.2 | Keep out of reach of children. | | | |
| | | S.26 | In case of contact with eyes rinse immediately with water and seek medical attention. | | | |
| | | S.28 | After contact with skin wash immediately with plenty of water. | | | |
| | | S.36/37/38 | Wear suitable protective clothing, gloves, eye/face protection. | | | |

Other Information

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|-----|-------------------------|------------------------------|---|--------------------------------|
| 16. | a) Voluntary Phrases :- | Contains Cationic Compounds. | | |
| | b) Symbols :- | N/K | = | NOT KNOWN |
| | | N/A | = | NOT APPLICABLE |
| | | O.E.S. | = | OCCUPATIONAL EXPOSURE STANDARD |

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