

MATERIAL SAFETY DATA SHEET

Columbus Cleaner 68

A neutral, detergent liquid

COMPANY DETAILS

Manufacture's Name: Columbus Cleaning Solutions (Pty) Ltd
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1. PRODUCT NAME:

Trade Name: Cleaner 68
Product Code: CHWIPCLEANER68
Synonyms: Neutral detergent

2. COMPOSITION:

Hazardous components in concentrate form:
Dodecylbenzene sulphonic acid Cas# 68584-22-5
Sodium hydroxide Cas# 1310-73-2
Phosphoric acid Cas# 7664-38-2

R Phrases: 36

3. HAZARDS IDENTIFICATION:

Main hazard: Could irritate eyes.
Flammability: Not flammable
Reproduction hazard: Nil
Health effects: Eyes: Irritant
Skin: None
Ingestion: Irritation , nausea
Inhalation: N/A
Carcinogenicity: Nil
Mutagenicity: Nil
Neurotoxicity: Nil

4. FIRST AID MEASURES:

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| First Aid Eyes: | Irritant, burns. Flush eyes with water. Seek medical help. |
| First Aid Skin: | Wash with water. |
| First Aid Ingestion: | Drink milk. Seek medical help. |
| First Aid Inhalation: | Remove to fresh air. |

5. FIRE FIGHTING MEASURES:

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| Extinguishing Media: | Water, spray or fog, CO2 powder |
| Protective Clothing: | Wear protective clothing |
| Special Hazards: | None |

6. ACCIDENTAL RELEASE MEASURES:

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| Breathing apparatus for fire only: | Ensure adequate ventilation. |
| Environmental Precautions: | Do not flush into sewer |
| Small spills: | Scrape up. Return to original container. |
| Large spills: | Clean as per Government regulations. Soak up with inert absorbent material (eg. Sand, silica gel, acid binder, sawdust) |

7. HANDLING AND STORAGE:

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| Suitable Material: | Plastic containers |
| Handling Storage Precessions: | Keep in a cool place. Keep lid closed. |

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

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| Occupational Exposure Limits: | Nil |
| Engineering Control Measures: | Not required |
| Personal Protection: | Wear protective clothing |
| Other Protection: | None |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------|------------------------------|
| Appearance: | Clear, green, viscous liquid |
| pH : | 6.0 - 7.5 |
| Boiling Point: | N/A |
| Freezing Point: | N/A |
| Flash Point: | N/A |
| Water Solubility: | Soluble |
| Solvent Solubility: | Unknown |
| Density: | 1.01 |
| Neurotoxicity: | None |
| Flammability: | N/A |
| Auto Flammability: | N/A |
| Explosive Properties: | None known |
| Oxidising Properties: | None known |

10. STABILITY AND REACTIVE

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| Chemical Stability: | Stable under normal conditions. |
| Incompatible Materials: | Acids and alkalis |
| Hazardous decomposition products: | Nil. |

11. TOXICOLOGICAL INFORMATION

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|--------------------------------|--------------------|
| Acute Toxicity: | Not toxic. |
| Skin and eye contact: | Eye Irritant (R36) |
| Chronic Toxicity: | Nil |
| Carcinogenicity, Mutagenicity: | Nil |
| Reproduction Hazard: | Nil |

12. ECOLOGICAL INFORMATION

According to legal requirements for cleaning products, the surfactants have a biological biodegradability of at least 90%.

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|--------------------|----------|-------------------|
| Aquatic Toxicity: | Fish: | Assumed non toxic |
| Aquatic Toxicity: | Daphnia: | Assumed non toxic |
| Aquatic Toxicity: | Algae: | Assumed non toxic |
| Biodegradability: | Yes | |
| Bio-accumulations: | Nil | |

13. DISPOSAL CONSIDERATIONS

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|------------------------|--|
| Disposal methods: | Dispose in accordance with local legislation |
| Disposal of packaging: | No special precautions |

14. TRANSPORT INFORMATION

Product is not classified for any mode of transport.

15. REGULATORY INFORMATION

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|----------------------------|-----|
| EEC hazard classification: | N/A |
| Risk Phases: | 36 |
| National Legislation: | N/A |

16. OTHER INFORMATION

Disclaimer

The information contained herein is based on the present state of information and knowledge available. The information provided are guidelines and recommendations and DOES NOT constitute any guarantee or warranty. Columbus Cleaning Solutions (Pty) Ltd does not accept any liability of any kind for any loss including, without limitations, consequential loss, injury or damage arising from the use of its products and or information contained herein.

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