

Safety Data Sheet

SAFETY DATA SHEET

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: WOW Wipes, including WOW Wipes Bamboo, WOW Wipes 'ECO-Maxx', WOW Wipes 'Maxx-Pack' and WOW Wipes 'Premium'

Recommended use: Wipe, clean and sterilise surfaces.

Supplier: Wow Wipes
ABN: 72 630 340 912
Street Address: 26 Walgarri Drive
 Tanawha QLD 4556

Telephone: 0423 162 857

Emergency telephone number: 0423 162 857

2. HAZARDS IDENTIFICATION

Note: the hazards described in this safety data sheet apply only to the liquid component of these wipes, including any particles or emulsions suspended within that liquid. They do not apply to the fabric component of the product.

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia.

Signal Word: Warning

Aquatic toxicity (acute): Category 2
Aquatic toxicity (chronic): Category 2



Hazard Statements

H411 Toxic to aquatic life with long-lasting effects

Poison Schedule: Not Applicable

DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods Class 9 by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION INFORMATION

| CHEMICAL ENTITY | CAS No. | PROPORTION |
|--|------------|------------|
| Chlorhexidine gluconate | 18472-51-0 | <1 % |
| Cetylpyridinium chloride | 123-03-5 | <0.5 % |
| Benzalkonium chloride | 8001-54-5 | <0.5 % |
| Ingredients determined to be non-hazardous (including water) | - | Balance |
| | | 100% |

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: The product is not considered to be an inhalation hazard. If there are signs of significant inhalation of vapour or mist having occurred, remove victim from exposure - avoid becoming a casualty. Remove any

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contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: The product is not considered to be a skin irritant. However, if extensive skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occur seek medical assistance.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: In the event of ingestion of the product, rinse mouth with water. If swallowed, DO NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

PPE for First Aiders: Wear shoes, full-length clothing and safety glasses.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Fire fighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable for road and rail transport.

7. HANDLING AND STORAGE

Handling: Avoid eye contact and repeated or prolonged skin contact.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

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Engineering Measures: Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment:

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

When handling individual retail packs, no personal protection equipment is required. For handling of bulk quantities of the product, wear safety shoes, full-length clothing and safety glasses.

Hygiene measures: Keep away from food, drink and animal feedstuff. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust if it should form from prolonged drying of the product. If possible, ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid impregnated cloth wipe
Colour: White
Odour: Slight

Solubility: N Av
Specific Gravity: N Av
Relative Vapour Density (air=1): N App
Vapour Pressure (20 °C): N App
Flash Point (°C): N Av
Flammability Limits (%): N Av
Autoignition Temperature (°C): N Av
Melting Point/Range (°C): N Av
Boiling Point/Range (°C): N Av
pH: N Av
Viscosity: N App
Total VOC (g/Litre): N Av

(Typical values only - consult specification sheet)
 N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and possibly other toxic fumes.

Hazardous reactions: No known hazardous reactions.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects:

Inhalation: Material may be an irritant to mucous membranes and respiratory tract if inhalation is repeated and prolonged.

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Skin contact: Contact with skin may result in irritation if contact is repeated and prolonged.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: May be an eye irritant. May cause physical irritation to the eyes.

Acute toxicity:

Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/kg bw

Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 20 mg/L

Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw

Corrosion/Irritancy: Eye: this material has been classified as not corrosive and not irritating to the eyes. Skin: this material has been classified as not corrosive and not irritating to the skin.

Sensitisation: Inhalation: this material has been classified as not being a respiratory sensitiser. Skin: this material has been classified as not being a skin sensitiser.

Aspiration hazard: This material does not meet the classification criteria for being an aspiration hazard.

Specific target organ toxicity (single exposure): This material does not meet the classification criteria for specific target organ toxicity (single exposure).

Chronic Toxicity:

Mutagenicity: This material does not meet the criteria for classification as a mutagen.

Carcinogenicity: This material does not meet the criteria for classification as a carcinogen.

Reproductive toxicity (including via lactation): This material does not meet the criteria for classification as a reproductive toxin.

Specific target organ toxicity (repeat exposure): This material does not meet the classification criteria for specific target organ toxicity (repeat exposure).

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| 12. ECOLOGICAL INFORMATION |
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Avoid contaminating waterways. Components of this product are not rapidly biodegradable.

Acute aquatic hazard: This material has been classified as a Category Acute 2 Hazard. Acute toxicity estimate (based on ingredients): 1 - 10 mg/L

Long-term aquatic hazard: This material has been classified as a Category Acute 2 Hazard. Non-rapidly degradable substance for which there are adequate chronic toxicity data available. Acute toxicity estimate (based on ingredients): 1 to 10 mg/L (based on at least one ingredient not being rapidly degradable).

Ecotoxicity (individual components):

Chlorhexidine gluconate:

LC₅₀ (fish, 96-hour): 1.4 mg/L

EC₅₀ (Daphnia, 48 hour): 0.049 mg/L

EC₅₀ (Algae, 48 hour): 0.046 mg/L

NOEC (Freshwater invertebrates) 0.0012 mg/L

NOEC (Algae, freshwater) 0.0032 mg/L

Cetyl pyridinium chloride:

LC₅₀ (fish, 96-hour): 0.16 mg/L

EC₅₀ (Daphnia, 48 hour): 0.0041 mg/L

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EC₅₀ (Algae, 48 hour): 0.027 mg/L
 NOEC (Algae, freshwater) 0.0032 mg/L

Benzalkonium chloride:
 LC₅₀ (fish, 96-hour): 0.32 mg/L
 EC₅₀ (Daphnia, 48 hour): 0.018 mg/L
 EC₅₀ (Algae, 48 hour): 0.018 mg/L

Persistence and degradability: Components of this product are not rapidly degradable.

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities for quantities of this product that comprise retail packages with a total weight of about 50 kg or more should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

This product consists of disinfectant wipes. These wipes SHOULD NOT BE FLUSHED DOWN THE TOILET OR DISPOSED OF IN ANY WAY THAT ALLOWS THE WIPES TO ENTER SEWAGE SYSTEMS. Disposing of wipes this way can result in blockage of sewage systems and significant expenses to authorities which manage sewage systems.

Some liquid may remain on the wipe after use and components of this liquid which are designed to perform an effective disinfectant function will break down slowly in the environment after disposal. Disposal in municipal solid waste landfill is appropriate as it allows an appropriate time interval for the product to break down. Disposal of the wipe in a way that results in the wipe, or just the liquid content of the wipe, entering the aquatic environment, for example a natural waterway or estuary, can harm the aquatic environment and this should be avoided.

Ultimately, the product should be disposed of in accordance with local, regional, national and international Regulations. If large quantities of the product are to be disposed of then consultation with the appropriate regulator should be considered in order to discuss the proportion of the wipes that is likely to break down in the environment. It's known that a high proportion of the wipes will break down in landfill, resulting lower landfill volume. This proportion may vary according to the type of wipe referred to in Section 1 of this document.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land" under Special Provision AU01 for substances that would otherwise be classified as environmentally hazardous under UN Numbers 3077 (Environmentally Hazardous Substance, Solid, N.O.S.) or UN 3082 (Environmentally Hazardous Substance, Liquid, N.O.S.).

MARINE TRANSPORT

The liquid portion of this product is classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No: 3082
Dangerous Goods Class: 9
Packing Group: III
Hazchem Code: •3Z



Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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AIR TRANSPORT

The liquid portion of this product is classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 3082
 Dangerous Goods Class: 9
 Packing Group: III
 Hazchem Code: •3Z



Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL) – unless transported in bulk.

This material/constituent(s) is covered by the following requirements:

- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Reason for re-issue: changing of product names in Section 1 (with no change in the liquid component of the product, as well as changes to Sections 11, 13 and 14.

This Safety Data Sheet has been prepared by CETEC Pty Ltd on behalf of its client.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.