

Material Safety Data Sheet

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Infosafe No. 5FULV Issue Date : August 2005 ISSUED by POLO

Product Name : **ADVANTAGE Bleach**

Not classified as hazardous

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name ADVANTAGE Bleach
Product Code 3396
Product Use Supplied as a general purpose disinfectant for use in suitable applications only.
Company Name Polo Citrus Australia Pty Ltd (ABN 18 064 601 332)
Address PO Box 576 Melton
Vic 3337 Australia
Emergency Tel. 1300 369 422
Telephone/Telex Number Tel: 1300 369 422
Other Information Visit our website: www.polocitrus.com.au

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

| Ingredients | Name | CAS | Proportion |
|--------------------|--|------------|-------------------|
| | Sodium hypochlorite | 7681-52-9 | 4 % |
| | Ingredients determined not to be hazardous | Mixture | To 100% |

3. HAZARDS IDENTIFICATION

4. FIRST AID MEASURES

Inhalation Remove victim from exposure - avoid becoming a casualty. Seek medical advice if effects persist.

Ingestion Give water to drink. DO NOT induce vomiting. Seek medical advice.

Skin Wash with plenty of soap and water. If irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.

Eye Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.

First Aid Facilities Normal washroom facilities are generally suitable. Ensure an eyewash station and safety shower are available and ready for use.

Advice to Doctor Treat symptomatically.

Other Information Keep water and mild soap near work site.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use extinguishing media suitable for surrounding environment as this product is unlikely to burn.

Specific Methods Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.

Specific Hazards Low hazard

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal Slippery when spilt. Avoid accidents, clean up immediately. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Collect and seal in properly labelled drums for disposal. Observe local regulations. Wash away residues with water.

7. HANDLING AND STORAGE

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Handling Ensure the appropriate personal protective equipment is used when handling this material. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Prevent spillages.

Storage Keep containers closed at all times. Store in cool place and out of direct sunlight. Store away from oxidizing agents.
Store away from acids. Check containers regularly for leaks.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits No exposure standard has been established for this product.

Other Exposure Information Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL). Occupational exposure limits: When an exposure standard has not been established by the National Occupational Health & Safety Commission for a material, a blanket recommendation of 5 mg/m³ for respirable vapours, mists and dusts should be used.

Respiratory Protection Respirator not normally required.
Airborne concentrations should be kept to lowest levels possible. If vapour, mist or dust is generated and the occupational exposure limit of the product is exceeded, use appropriate AS/NZS 1715/1716 approved air purifying equipment or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content of the air is unknown.

Eye Protection Safety glasses, goggles or faceshield as appropriate.

Hand Protection PVC, neoprene or nitrile rubber gloves.

Footwear Enclosed footwear.

Body Protection Overalls or similar protective apparel.

Eng. Controls Maintain concentration below recommended exposure limit. Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels below the exposure standard or where no exposure standard is allocated, as low as is reasonably practicable.

Hygiene Measures Always wash hands before smoking, eating, drinking or using the toilet. If contamination occurs, change clothing. Avoid carrying contaminated rags in pockets or wearing soaked clothing. Discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Odour Chlorine

Melting Point Approximately 0 °C

Solubility in Water Soluble

Boiling Point Approximately 100 °C

pH Value Approximately 9 @ 20 °C

Vapour Pressure 14 mm Hg @ 20 °C

Colour Clear pale yellow

Density Approximately 1 kg/L @ 15 °C

Flash Point Product does not have a flash point

Flammability Non combustible. Non flammable.

Ignition Temperature Not applicable

Flammable Limits Not applicable

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Flammable Limits Not applicable
UEL

Explosion Properties Not considered an explosion risk under normal conditions of use

Other Information These physical data and other properties do not constitute a specification

10. STABILITY AND REACTIVITY

Materials to Avoid Strong oxidising agents and acids

Hazardous Decomposition Products Decomposition products may include: chlorine.

Hazardous Reaction May react with strong oxidising agents and acids.

11. TOXICOLOGICAL INFORMATION

Inhalation Inhalation of mists or aerosols may produce respiratory irritation.

Ingestion May cause mild gastric irritation if swallowed.

Skin Repeated or prolonged skin contact may lead to irritation.

Eye May cause watering of eyes.

Chronic Effects Generally non-irritant on incidental contact. Excessive or prolonged contact may give rise to irritant or dermatitic effects.

Acute Toxicity - Oral LD50 (rat) expected to be greater than 2000 mg/kg (based on data from similar substances).

12. ECOLOGICAL INFORMATION

Environ. Protection Do not allow material to enter drains or waterways.
Disinfectants are toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

Packaging & Labelling No special packaging or labelling requirements.

16. OTHER INFORMATION

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Contact Person/Point General Manager 1300 369 422

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If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

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

References

- * NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets
- * NOHSC:1008 Approved Criteria for Classifying Hazardous Substances
- * NOHSC:1005 List of Designated Hazardous Substances
- * NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations
- * NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice
- * NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards
- * NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note
- * NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard
- * NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice
- * SUSDP, Standard for the Uniform Scheduling of Drugs and Poisons
- * ADG, Australian Dangerous Goods Code
- * MSDS of component materials

Last Change

Supersedes issue date: 07/2005.
Reason/s for revision: Brand changed.
...End Of MSDS...