

Material Safety Data Sheet

ACTICLEAN

1 . Identification of the material and supplier

Names

Product name : ACTICLEAN
ADG : Not regulated.
Supplier : ECOLAB PTY LTD (A.B.N. 59 000 449 990)
6 Hudson Ave, Castle Hill NSW 2154
Customer Service phone: 1 800 022 002
Free Fax Number: 1 800 655 679
Emergency telephone number : 1 800 124 170

Uses

Material uses : Cleaning product
Date of issue : 23-June-2008

2 . Hazards identification

Statement of hazardous/dangerous nature : **Not classified as hazardous** according to the criteria of NOHSC **nor classified as dangerous goods** according to the ADG Code.

3 . Composition/information on ingredients

Ingredients, determined not to be hazardous according to NOHSC criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4 . First-aid measures

Eye contact : Rinse with plenty of running water. Get medical attention if symptoms occur.
Skin contact : In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse. Get medical attention if symptoms occur.
Inhalation : Remove to fresh air. Obtain medical attention if symptoms occur.
Ingestion : Do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).
Notes to physician : No specific treatment. Treat symptomatically.

5 . Fire-fighting measures

Extinguishing media : Use an extinguishing agent suitable for the surrounding fire.
Fire/explosion hazards : No specific hazard.
Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Hazardous decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

6 . Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil and waterways. Inform the relevant authorities if the product has caused environmental pollution (waterways or soil).
- Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7 . Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from incompatibles, such as strong oxidizing material

8 . Exposure controls/personal protection

- Occupational exposure limits** : **No exposure standard allocated.**
- Engineering measures** : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Eyes** : Recommended: Safety glasses.
- Hands** : Recommended: PVC gloves.
- Respiratory** : A respirator is not needed under normal and intended conditions of product use.
- Skin** : No special protective clothing is required.

9 . Physical and chemical properties

- Physical state** : Liquid.
- Colour** : Straw. [Light]
- Odour** : citrus
- Boiling point** : 100°C (>212°F)
- Melting point** : Not available.
- Vapour pressure** : Not available.

ACTICLEAN

Specific gravity	: 0.979 to 1.019
Flash point	: Product does not support combustion.
Vapour density	: Not available.
pH	: 6.5 to 7.5 [Conc. (% w/w): 100%]
Solubility	: Easily soluble in cold water, hot water.

10 . Stability and reactivity

Stability	: The product is stable under normal ambient conditions of temperature and pressure.
Conditions to avoid	: None identified.
Materials to avoid	: strong oxidizing material
Hazardous decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
Hazardous Reactions	: No hazardous reactions expected.

11 . Toxicological information

Potential acute health effects

Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Skin contact	: Prolonged or repeated exposure may cause skin sensitisation in sensitive individuals.
Eye contact	: Slightly irritating to the eyes.

Potential chronic health effects

Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.



12 . Ecological information

Ecotoxicity data	: Not available.
Persistence/degradability	: Not available.
Mobility	: Not available.
Other adverse effects	: Harmful to aquatic organisms.

13 . Disposal considerations

Methods of disposal	: Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil and waterways. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
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14 . Transport information

Regulation	UN number	Proper shipping name	Class	Packing group	Additional information
ADG	-	Not regulated.		-	-
IMDG	-	Not regulated.		-	-

15 . Regulatory information

Australia inventory (AICS) : All substances are listed on AICS or exempt.

AU Classification : Not classified as hazardous according to the criteria of NOHSC.

Standard for the Uniform Scheduling of Drugs and Poisons

Not scheduled

Control of Scheduled Carcinogenic Substances

<u>Ingredient name</u>	<u>Schedule</u>
No listed substance	

16 . Other information

Prepared by : Regulatory Affairs

Date of previous issue : 04-April-2006

Change Made : Second version.

References :

- ADG Code - Australian Transport of Dangerous Goods
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated Hazardous Substances
- National Code of Practice for the Labelling of Workplace Substances
- National Code of Practice for the Preparation of Material Safety Data Sheets
- National Model Regulations for the Control of Scheduled Carcinogenic Substances
- National Model Regulations for the Control of Workplace Hazardous Substances
- Standard for the Uniform Scheduling of Drugs and Poisons

Disclaimer

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.