

# Material Safety Data Sheet



VIVA

## 1. Identification of the material and supplier

Trade name of product : VIVA  
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  
Material uses : All Purpose Cleaner

Product dilution information : Up to 0.5% in water.

Date of issue : 3 August 2011

## 2. Hazards identification

	Product AS SOLD	Product AT USE DILUTION
Statement of hazardous/dangerous nature	: <b>Not classified as hazardous</b> according to the criteria of Safe Work Australia <b>nor classified as dangerous goods</b> according to the ADG Code.	<b>Not classified as hazardous</b> according to the criteria of Safe Work Australia <b>nor classified as dangerous goods</b> according to the ADG Code.
Classification	: Not applicable	Not applicable.
Risk phrases	: Not classified.	Not classified.
Safety phrases	: Not applicable.	Not applicable.

## 3. Composition/information on ingredients

### Product AS SOLD

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

### Product AT USE DILUTION

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

## 4. First-aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: Rinse with plenty of running water. Get medical attention if symptoms occur.	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. Get medical attention if symptoms occur. Wash clothing before reuse.	In case of contact, immediately flush skin with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse.
Inhalation	: Remove to fresh air. Get medical attention if symptoms occur.	Remove to fresh air. Get 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).	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.	No specific treatment. Treat symptomatically.

## 5. Fire-fighting measures

### Product AS SOLD

- Extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Fire-fighting media and instructions** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- 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 thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides  
metal oxide/oxides

## 6. Accidental release measures

### Product AS SOLD

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, 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. Note: see section 1 for emergency contact information and section 13 for waste disposal.

### Product AT USE DILUTION

- Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, 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. 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

### Product AS SOLD

- 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. Remove contaminated clothing and protective equipment before entering eating areas.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

### Product AT USE DILUTION

- 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. Remove contaminated clothing and protective equipment before entering eating areas.
- Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8. Exposure controls/personal protection

### Product AS SOLD

**Occupational exposure limits** : No exposure standard allocated.

### Product AS SOLD

**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.

### 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.

**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.

### Product AT USE DILUTION

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.

Recommended: Safety glasses.

Recommended: PVC gloves.

A respirator is not needed under normal and intended conditions of product use.

No special protective clothing is required.

## 9. Physical and chemical properties

### Product AS SOLD

**Physical state** : Liquid.  
**Colour** : Green  
**Odour** : citrus  
**pH** : 7.7 to 8.3 [Conc. (% w/w): 100%]  
**Flash point** : > 100°C  
 Product does not support combustion.  
**Boiling point** : >100°C (>212°F)  
**Relative density** : 1.006 to 1.016  
**Solubility** : Easily soluble in the following materials: cold water and hot water.

### Product AT USE DILUTION

Liquid.  
 Green [Light]  
 citrus  
 6.5 to 7.5  
 > 100°C  
 Product does not support combustion.

## 10. Stability and reactivity

### Product AS SOLD

**Stability** : The product is stable.  
**Conditions to avoid** : No specific data.  
**Materials to avoid** : Slightly reactive or incompatible with the following materials: acids.  
**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

## 11. Toxicological information

### Potential acute health effects

	Product AS SOLD	Product AT USE DILUTION
<b>Inhalation</b>	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.	No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
<b>Skin contact</b>	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
<b>Eye contact</b>	: Irritating to eyes.	No known significant effects or critical hazards.

### Potential chronic health effects

<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: No known significant effects or critical hazards.

## 12. Ecological information

### Product AS SOLD

<b>Ecotoxicity data</b>	: Not available.
<b>Persistence/degradability</b>	: Not available.
<b>Mobility</b>	: Not available.
<b>Other adverse effects</b>	: No known significant effects or critical hazards.

## 13. Disposal considerations

	Product AS SOLD	Product AT USE DILUTION
<b>Methods of disposal</b>	: The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.	The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

### Product AS SOLD

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

## 14. Transport information

Not regulated.			
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### Product AT USE DILUTION

Not intended for transport.

## 15. Regulatory information

<b>AU Classification</b>	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
	: <b>Not classified as hazardous</b> according to the criteria of Safe Work Australia <b>nor classified as dangerous goods</b> according to the ADG Code. Not applicable Not classified.	<b>Not classified as hazardous</b> according to the criteria of Safe Work Australia <b>nor classified as dangerous goods</b> according to the ADG Code. Not applicable. Not classified.

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

### Standard for the Uniform Scheduling of Medicines and Poisons

Not scheduled

### Control of Scheduled Carcinogenic Substances

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

**Product Registration Status** : Kosher

## 16. Other information

<b>Prepared by</b>	Regulatory Affairs
<b>Date of previous issue</b>	: 07-December-2009
<b>Change Made</b>	: Conversion of MSDS to new 2:1 format.
<b>References</b>	: -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 Medicines 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.**