

Material Safety Data Sheet



FURNITURE & VINYL RESTORER

1. Identification of the material and supplier

Trade name of product : FURNITURE & VINYL RESTORER
ADG : Not regulated.
Supplier : ECOLAB PTY LTD (A.B.N. 59 000 449 990)
2 Drake Avenue, Macquarie Park NSW 2113
Customer Service phone: 1 800 022 002
Free Fax Number: 1 800 655 679
Emergency telephone number : 1 800 124 170
Material uses : Furniture Cleaner - Care Product

Product dilution information : Not applicable

Date of issue : 4 July 2013

2. Hazards identification

Statement of hazardous/dangerous nature : **Product AS SOLD**
: **Classified as hazardous** according to the criteria of Safe Work Australia and **not classified as dangerous goods** according to the ADG Code.
Classification : Xi - Irritant
Risk phrases : R43- May cause sensitisation by skin contact.
Safety phrases : S24- Avoid contact with skin.
S37- Wear suitable gloves.

Product AT USE DILUTION
Product is sold ready to use.

3. Composition/information on ingredients

Product AS SOLD

| Ingredient name | CAS number | Concentration % (w/w) |
|---|------------|-----------------------|
| propan-2-ol | 67-63-0 | <10 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | <10 |

Other 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

| Ingredient name | CAS number | Concentration % (w/w) |
|-------------------------------|------------|-----------------------|
| Product is sold ready to use. | | |

Other 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

FURNITURE & VINYL RESTORER

4. First-aid measures

| | Product AS SOLD |
|---------------------------|---|
| 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 for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Inhalation | : 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). |
| Notes to physician | : No specific treatment. Treat symptomatically. |

Product AT USE DILUTION
Product is sold ready to use.

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 |

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. Approach the release from upwind. 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. 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. |

Product AT USE DILUTION
Product is sold ready to use.

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

7. Handling and storage

| | | |
|------------------------|--|--|
| <p>Handling</p> | <p>Product AS SOLD</p> <p>: 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. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. 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.</p> | <p>Product AT USE DILUTION</p> <p>Product is sold ready to use.</p> |
| <p>Storage</p> | <p>: Keep container tightly closed. Keep container in a cool, well-ventilated area.</p> | |

8. Exposure controls/personal protection

Product AS SOLD

Occupational exposure limits

| Ingredient name | Exposure limits |
|-----------------|---|
| propan-2-ol | <p>Safe Work Australia (Australia, 8/2005).</p> <p>STEL: 1230 mg/m³ 15 minute(s).</p> <p>STEL: 500 ppm 15 minute(s).</p> <p>TWA: 983 mg/m³ 8 hour(s).</p> <p>TWA: 400 ppm 8 hour(s).</p> |

| | | |
|------------------------------------|---|--|
| <p>Engineering measures</p> | <p>Product AS SOLD</p> <p>: 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.</p> | <p>Product AT USE DILUTION</p> <p>Product is sold ready to use.</p> |
| <p><u>Personal protection</u></p> | | |
| <p>Eyes</p> | <p>: No protective equipment is needed under normal use conditions.</p> | |
| <p>Hands</p> | <p>: Use chemical-resistant, impervious gloves.</p> | |
| <p>Respiratory</p> | <p>: No protective equipment is needed under normal use conditions.</p> | |
| <p>Skin</p> | <p>: Use synthetic apron, other protective equipment as necessary to prevent skin contact.</p> | |
| <p>Hygiene measures</p> | <p>: 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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.</p> | |

9. Physical and chemical properties

| | Product AS SOLD |
|------------------|---|
| Physical state | : Liquid. |
| Colour | : Brown [Light] |
| Odour | : citrus |
| pH | : 7.8 to 9.2 [Conc. (% w/w): 100%] |
| Flash point | : > 100°C Product does not support combustion. |
| Boiling point | : >100°C (>212°F) |
| Relative density | : 0.99 to 1 |

Product AT USE DILUTION
Product is sold ready to use.

10. Stability and reactivity

| | Product AS SOLD |
|------------------------------------|--|
| Stability | : The product is stable. |
| Conditions to avoid | : No specific data. |
| Materials to avoid | : Not available. |
| 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 |
|--------------|---|
| Inhalation | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |
| Skin contact | : May cause sensitisation by skin contact. |
| Eye contact | : No known significant effects or critical hazards. |

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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

Product AS SOLD

Ecotoxicity data

| Product/ingredient name | Result | Species | Exposure |
|--|-----------------------|---------|----------|
| propan-2-ol reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | Acute LC50 9640 mg/l | | 96 hours |
| | Acute EC50 0.16 mg/L | | 48 hours |
| | Acute IC50 0.018 mg/L | | 72 hours |
| | Acute LC50 0.28 mg/L | | 96 hours |
| | Acute LC50 0.19 mg/L | | 96 hours |

Persistence/degradability : Not available.

Bioaccumulative potential

| Product/ingredient name | LogP _{ow} | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| | | | |

FURNITURE & VINYL RESTORER

12. Ecological information

| | | | |
|-------------|------|---|-----|
| propan-2-ol | 0.05 | - | low |
|-------------|------|---|-----|

Mobility : Not available.

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal : **Product AS SOLD**
 : 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.

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14. Transport information

Product AS SOLD

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

15. Regulatory information

AU Classification : **Product AS SOLD**
 : **Classified as hazardous** according to the criteria of Safe Work Australia and **not classified as dangerous goods** according to the ADG Code.
 Xi - Irritant
 R43- May cause sensitisation by skin contact.

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

| Ingredient name | Schedule |
|---------------------|----------|
| No listed substance | |

16. Other information

Prepared by Regulatory Affairs
Date of previous issue : 18 April 2012
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 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.