

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



## Section 1 - Identification of The Material and Supplier

**Product Name:** Harpic Hygienic Plus, Citrus Scent  
**Product Type:** Toilet bowl cleaner.  
**SDS Number:** D8083528-v5.1  
**Formulation No:** #8081854 v1.0 (Block: 8081855, Gel: 0274615)  
**Product Use:** Consumer use.

### Supplier Details:

**Australia:** Reckitt Benckiser (Australia) Pty Limited  
ABN: 17 003 274 655  
680 George Street, Sydney NSW 2000  
Tel: +61 2 9857 2000

**New Zealand:** Reckitt Benckiser (New Zealand) Limited  
2 Fred Thomas Drive, Takapuna, Auckland, New Zealand 0622  
Tel: +64 9 484 1400

**Poisons Information Centre:** **Australia: Phone 131 126**  
**New Zealand: 0800 764 766 or 0800 POISON**

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

This product is classified as: Xi, Irritating. N, Dangerous to the environment. C, Corrosive. Hazardous according to the criteria of SWA.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.



### GHS Signal word: DANGER

#### HAZARD STATEMENT:

H318: Causes serious eye damage.  
H315: Causes skin irritation.  
H412: Harmful to aquatic life with long lasting effects.

#### PREVENTION

P102: Keep out of reach of children.  
P101: If medical advice is needed, have product container or label at hand.  
P280: Wear protective gloves and eye/face protection.

#### RESPONSE

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
P333+P313: If skin irritation or rash occurs: Get medical advice.

#### DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

## Emergency Overview

**Physical Description & Colour:** Yellow solid block/gel.

**Odour:** Characteristic fragrance.

**Major Health Hazards:** irritating to skin, risk of serious damage to eyes.

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

## Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
2,6-dimethyloct-7-en-2-ol	18479-58-8	10-15
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	15-30
Sodium dodecylbenzenesulfonate	25155-30-0	15-30
Linalool	78-70-6	15-30
A mixture of: cis-tetrahydro-2-isobutyl-4-methylpyran-4-ol; trans-tetrahydro-2-isobutyl-4-methylpyran-4-ol	63500-71-0	2.5-5
4-tert-butylcyclohexyl acetate	32210-23-4	2.5-5
Distillates (petroleum), hydrotreated light	64742-47-8	2.5-5
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate	5413-60-5	2.5-5
Alcohols, C12-15, ethoxylated	68131-39-5	<2.5
White mineral oil (petroleum)	8042-47-5	<2.5
diphenyl ether	101-84-8	<2.5
p-cymene	99-87-6	<2.5
sodium carbonate	497-19-8	<2.5
Silica gel, pptd., cryst.- free	112926-00-8	<2.5
tetrahydro-4-methyl-2-phenyl-2H-pyran	94201-73-7	0.25-1
2,6-di-tert-butyl-p-cresol	128-37-0	0.25-1
3,7-dimethyloctan-1-ol	106-21-8	0.25-1
1-(5,5-dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one	56973-85-4	0.25-1
Citronellal	106-23-0	0.25-1
P-mentha-1,8(9)-diene	138-86-3	<0.25
diethyl 1,4-cyclohexanedicarboxylate	72903-27-6	<0.25
p-mentha-1,3-diene	99-86-5	<0.25
Poly[oxy(methyl-1,2-ethanediyl)], $\alpha$ -(2-aminomethylethyl)- $\omega$ - (2-aminomethylethoxy)-	9046-10-0	<0.25
Various non-hazardous ingredients	secret	to 100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

## Section 4 - First Aid Measures

### General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

**Inhalation:** Get medical attention immediately. Call a poison centre or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin Contact:** Get medical attention immediately. Call a poison centre or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Eye Contact:** Get medical attention immediately. Call a poison centre or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

**Ingestion:** Get medical attention immediately. Call a poison centre or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## **Most important symptoms and effects, both acute and delayed**

### **Potential acute health effects**

**Inhalation :** May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system.

**Ingestion :** May cause burns to mouth, throat and stomach.

**Skin contact :** Causes skin irritation.

**Eye contact :** Causes serious eye damage.

### **Over-exposure signs/symptoms**

**Eye contact :** Symptoms may include pain, watering and redness.

**Skin contact :** Symptoms may include pain, irritation, redness and blistering.

**Ingestion :** Symptoms may include stomach pains.

**Inhalation** No specific data.

## **Indication of any immediate medical attention and special treatment needed**

**Notes to physician:** Treat symptomatically.

## **Section 5 - Fire Fighting Measures**

### **Extinguishing media**

**Suitable extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media:** None known

### **Special hazards arising from the substance or mixture**

**Hazards from the substance or mixture:** No specific fire or explosion hazard. In a fire, hazardous decomposition products may be produced.

**Hazardous thermal decomposition products:** Decomposition products may include carbon monoxide, carbon dioxide, sulphur oxides and metal oxides.

### **Advice for firefighters**

**Special protective actions for fire-fighters:** 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.

**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.

## **Section 6 - Accidental Release Measures**

### **Personal Precautions, Protective Equipment and Emergency Procedures:**

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders:** If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**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). Water polluting material. May be harmful to the environment if released in large quantities.

### **Methods and Material for Containment and Cleaning Up:**

**Small spill:** Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

**Large spill:** Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

**Reference to Other Sections:** See Section 1 for emergency contact information  
See Section 8 for information on appropriate personal protective equipment  
See Section 13 for additional waste treatment information

## Section 7 - Handling and Storage

### Precautions for safe handling

**Protective measures:** Put on appropriate personal protective equipment (see Section 8). 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 release to the environment. 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.

**Advice on general occupational hygiene:** 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. See also Section 8 for additional information on hygiene measures.

### Conditions for safe storage, including any incompatibilities

**Storage:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

**Do not store above the following temperature:** 40°C

**Do not store below the following temperature:** -15°C

**Recommended Storage Temperature for up to 6 weeks:** 5 to 25°C

**Recommended Storage Temperature for over 6 weeks:** 5 to 25°C

**Specific end use(s)**

**Recommendations :** Toilet bowl cleaner. Consumer uses.

**Industrial sector specific solutions:** Not available.

## Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

<b>SWA Exposure Limits</b>	<b>TWA (mg/m<sup>3</sup>)</b>	<b>STEL (mg/m<sup>3</sup>)</b>
Silica gel, pptd., cryst. - free	10	not set
Diphenyl ether	7	14
2,6-di-tert-butyl-p-cresol	10	not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Engineering Controls Ventilation:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Individual protection measures

**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. 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.

**Eye/face protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection:

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

**Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection:** Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Environmental exposure controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## Section 9 - Physical and Chemical Properties:

<b>Physical Description &amp; colour:</b>	Yellow solid block and gel.
<b>Odour:</b>	Characteristic fragrance.
<b>pH:</b>	7 (10% w/w aqueous mixture).
<b>Freezing/Melting Point:</b>	No specific data.
<b>Boiling Point:</b>	Not available.
<b>Flash Point:</b>	>96°C (Closed Cup)
<b>Volatiles:</b>	No data.
<b>Vapour Pressure:</b>	No data.
<b>Vapour Density:</b>	Not applicable.
<b>Relative density:</b>	1 g/cm <sup>3</sup> .
<b>Water Solubility:</b>	Partially soluble.
<b>Volatility:</b>	No data.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	Not applicable.
<b>Coeff Oil/water Distribution:</b>	No data
<b>Viscosity:</b>	Not applicable.
<b>Autoignition temp:</b>	No data.
<b>Explosive Properties:</b>	Not explosive.
<b>Oxidising Properties:</b>	No data.

## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** None known.

**Incompatibilities:** No particular Incompatibilities.

**Fire Decomposition:** Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death. May form oxides of sulphur and metals.

**Polymerisation:** This product will not undergo polymerisation reactions.

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

## Section 11 - Toxicological Information

### Acute toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
2,6-dimethyloct-7-en-2-ol	LD <sub>50</sub> Dermal	Rabbit	>5000 mg/kg	
	LD <sub>50</sub> Oral	Rat	3600 mg/kg	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD <sub>50</sub> Oral	Rat	2310 mg/kg	
Sodium dodecylbenzenesulfonate	LD <sub>50</sub> Oral	Rat	438 mg/kg	
Linalool	LD <sub>50</sub> Dermal	Rabbit	5610 mg/kg	
	LD <sub>50</sub> Dermal	Rat	5610 mg/kg	
	LD <sub>50</sub> Oral	Rat	2790 mg/kg	
4-tert-butylcyclohexyl acetate	LD <sub>50</sub> Dermal	Rabbit	>5000 mg/kg	
	LD <sub>50</sub> Oral	Rat	3550 mg/kg	
3a,4,5,6,7,7a-hexahydro-4, 7-methanoinden-6-yl acetate	LD <sub>50</sub> Dermal	Rabbit	>5000 mg/kg	
	LD <sub>50</sub> Oral	Rat	4300 mg/kg	
White mineral oil (petroleum)	LD <sub>50</sub> Oral	Rat	>5000 mg/kg	
Alcohols, C12-15, ethoxylated	LD <sub>50</sub> Oral	Rat	2 g/kg	
Diphenyl ether	LD <sub>50</sub> Dermal	Rabbit	>7940 mg/kg	
	LD <sub>50</sub> Oral	Rat	2450 mg/kg	
p-cymene	LD <sub>50</sub> Dermal	Rabbit	10545 mg/kg	
	LD <sub>50</sub> Oral	Rat	1400 mg/kg	
sodium carbonate	LD <sub>50</sub> Dermal	Rabbit	>2000 mg/kg	
	LD <sub>50</sub> Oral	Rat	2800 mg/kg	
2,6-di-tert-butyl-p-cresol	LD <sub>50</sub> Dermal	Rat	>2000 mg/kg	
	LD <sub>50</sub> Oral	Rat	890 mg/kg	
	LD <sub>50</sub> Oral	Rat	>2930 mg/kg	
Citronellal	LD <sub>50</sub> Oral	Rat	2420 mg/kg	
P-mentha-1,8(9)-diene	LD <sub>50</sub> Oral	Rat	5300 mg/kg	

### Acute toxicity Estimates:

Route	ATE value
Oral	4616.8 mg/kg
Dermal	593310 mg/kg

### Irritation/Corrosion:

Product/Ingredient Name	Result	Species	Score	Exposure	Observation
2,6-dimethyloct-7-en-2-ol	Skin - Mild irritant	Rabbit		24 hr 500 mg	
	Eyes - Mild irritant	Rabbit		7.5%	
	Skin - Mild irritant	Rabbit		4 hr 0.5 mL	
Sodium dodecylbenzenesulfonate	Eyes - Severe irritant	Rabbit		24 hr 250 µg	



# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

	Eyes - Severe irritant	Rabbit		1%	
	Skin - Moderate irritant	Rabbit		24 hr 20 mg	
Linalool	Eyes – moderate irritant	Rabbit		1 hr 0.1 mL	
	Eyes – moderate irritant	Rabbit		100 µL	
	Skin - Moderate irritant	Guinea pig		24 hr 100 mg	
	Skin - Mild irritant	Human		72 hr 32%	
	Skin - Mild irritant	Man		48 hr 16 mg	
	Skin - Mild irritant	Rabbit		24 hr 500 mg	
	Skin - Severe irritant	Rabbit		24 hr 100 mg	
4-tert-butylcyclohexyl acetate	Skin - Mild irritant	Guinea pig		4 hr 3%	
	Skin - Moderate irritant	Rabbit		4 hr 100%	
	Skin - Moderate irritant	Rabbit		24 hr 500 mg	
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate	Eyes - Moderate irritant	Rabbit		6.25%	
	Skin - Mild irritant	Rabbit		100%	
	Skin - Moderate irritant	Rabbit		24 hr 500 mg	
	Skin - Mild irritant	Rabbit		4 hr 100%	
diphenyl ether	Skin - Mild irritant	Rabbit		24 hr 500 mg	
p-cymene	Skin - Moderate irritant	Rabbit		24 hr 500 mg	
sodium carbonate	Eyes - Mild irritant	Rabbit		30 sec 100 mg	
	Eyes - Moderate irritant	Rabbit		24 hr 100 mg	
2,6-di-tert-butyl-p-cresol	Skin – slight irritant	Rabbit	2.5		
	Eyes – slight irritant	Rabbit	2.5		
	Eyes - Moderate irritant	Rabbit		24 hr 100 mg	
	Skin - Mild irritant	Rabbit		48 hr 500 mg	
	Skin - Mild irritant	Rabbit		48 hr 500 mg	
P-mentha-1,8(9)-diene	Skin - Mild irritant	Rabbit		24 hr 500 mg	

- Inhalation:** May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system.
- Skin Contact:** Causes skin irritation.
- Eye Contact:** Causes serious eye damage.
- Ingestion:** May cause burns to mouth, throat and stomach.
- Sensitisation:** No known effect according to our database.
- Mutagenicity:** No known effect according to our database.
- Reproductive toxicity:** No known effect according to our database.
- Teratogenicity:** No known effect according to our database.
- Specific target organ toxicity (single exposure):** No known effect according to our database.
- Specific target organ toxicity (repeated exposure):** No known effect according to our database.

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

**Aspiration hazard:** Distillates (petroleum), hydrotreated light, p-cymene and p-mentha-1,8(9)-diene are classified as aspiration hazard Category 1.

## Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

### Long term exposure:

**Potential immediate effects:** Not available.

**Potential delayed effects:** Not available.

## Section 12 - Ecological Information

### Ecotoxicity:

Product/Ingredient Name	Result	Species	Exposure
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Acute EC <sub>50</sub> 4.53 mg/L Fresh water	Crustaceans – Ceriodaphnia dubia - Neonate	48 hr
Sodium dodecylbenzenesulfonate	Acute EC <sub>50</sub> 29 mg/L Fresh water	Algae - Chlorella pyrenoidosa - Exponential growth phase	96 hr
	Acute EC <sub>50</sub> 7.81 mg/L Fresh water	Crustaceans – Ceriodaphnia dubia - Neonate	48 hr
	Acute EC <sub>50</sub> 0.15 ppm Fresh water	Daphnia - Daphnia pulex	48 hr
	Acute LC <sub>50</sub> 112.4 mg/L Fresh water	Algae – Pseudokirchneriella subcapitata – Exponential growth phase	72 hr
	Acute LC <sub>50</sub> 1.18 ppm Fresh water	Fish - Lepomis macrochirus	96 hr
Linalool	Acute EC <sub>50</sub> 36.7 ppm Fresh water	Daphnia - Daphnia magna	48 hr
	Acute LC <sub>50</sub> 28.8 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hr
Distillates (petroleum), hydrotreated light	Acute LC <sub>50</sub> 2.2 mg/L Fresh water	Fish - Lepomis macrochirus	4 days
Alcohols, C12-15, ethoxylated	Acute EC <sub>50</sub> 0.7 mg/L Fresh water	Algae – Pseudokirchneriella subcapitata	96 hr
	Acute EC <sub>50</sub> 0.39 mg/L Fresh water	Crustaceans – Ceriodaphnia dubia – Neonate	48 hr
	Acute EC <sub>50</sub> 302 µg/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hr
	Acute LC <sub>50</sub> 1400 µg/L Fresh water	Fish - Pimephales promelas	96 hr
	Chronic NOEC 1 mg/L Fresh water	Algae – Pseudokirchneriella	96 hr



# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

		subcapitata	
diphenyl ether	Acute EC <sub>50</sub> 800 µg/L Marine water	Algae - Skeletonema costatum	96 hr
	Acute LC <sub>50</sub> 670 µg/L Fresh water	Daphnia - Daphnia magna	48 hr
	Acute LC <sub>50</sub> 1.7 mg/L Fresh water	Fish - Lepomis macrochirus	96 hr
p-cymene	Acute EC <sub>50</sub> 22000 µg/L Marine water	Algae - Skeletonema costatum	96 hr
	Acute EC <sub>50</sub> 3.54 mg/L Fresh water	Daphnia - Daphnia magna - Neonate	48 hr
	Acute LC <sub>50</sub> 44 mg/L Fresh water	Fish - Lepomis macrochirus	96 hr
	Chronic NOEC <4600 µg/L Fresh water	Daphnia - Daphnia magna	48 hr
	Chronic NOEC 10 ppm Marine water	Fish - Cyprinodon variegatus - Juvenile (Fledgling, Hatchling, Weanling)	96 hr
sodium carbonate	Acute EC <sub>50</sub> 242 mg/L Fresh water	Algae - Navicula seminulum	96 hr
	Acute LC <sub>50</sub> 176 mg/L Fresh water	Crustaceans - Amphipoda	48 hr
	Acute LC <sub>50</sub> 265 mg/L Fresh water	Daphnia - Daphnia magna	48 hr
	Acute LC <sub>50</sub> 300 mg/L Fresh water	Fish - Lepomis macrochirus	96 hr
2,6-di-tert-butyl-p-cresol	Acute EC <sub>50</sub> 1440 µg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hr
P-mentha-1,8(9)-diene	Acute EC <sub>50</sub> 28.2 mg/l Fresh water	Daphnia - Daphnia magna	48 hr
	Acute EC <sub>50</sub> 20.2 mg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hr
	Acute LC <sub>50</sub> 13.798 mg/l Fresh water	Algae – Pseudokirchneriella subcapitata	96 hr

**Persistence and Degradability:** Sodium carbonate is readily biodegradable. 2,6-di-tert-butyl-p-cresol undergoes photolysis within 28-100 days. No data regarding other components.

**Bioaccumulative Potential:**

Product/Ingredient Name	LogP <sub>ow</sub>	BCF	Potential
2,6-dimethyloct-7-en-2-ol	3.25	64.8	Low
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	-1.3		Low
Sodium dodecylbenzenesulfonate	1.96		Low
linalool	2.84		Low
A mixture of: cis-tetrahydro-2-	1.65		Low

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

isobutyl-4-methylpyran-4-ol; trans-tetrahydro-2-isobutyl-4-methylpyran-4-ol			
4-tert-butylcyclohexyl acetate	4.8	334.6	Low
3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate	0.924	35	Low
White mineral oil (petroleum)	>6		High
Alcohols, C12-15, ethoxylated	2.03-6.24	237	Low
Diphenyl ether	4.21	200	Low
p-cymene	4.1		High
2,6-di-tert-butyl-p-cresol	5.1	330-1800	High
Citronellal	3.62	113.6	Low
P-mentha-1,8(9)-diene	4.57		High

**Mobility in Soil:** Not available

**Other Adverse Effects:** No known significant effects or critical hazards.

## Section 13 - Disposal Considerations

Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

### Waste Treatment Methods:

#### Product:

**Methods of Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Waste packaging should be recycled.

**Hazardous Waste:** The classification of the product may meet the criteria for a hazardous waste.

#### Packaging:

**Methods of Disposal:** The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special Precautions:** This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14 - Transport Information

	ADG	IMDG	IATA
UN Number	None allocated	None allocated	None allocated
UN Proper Shipping Name	None allocated	None allocated	None allocated
Transport Hazard Class	None allocated	None allocated	None allocated
Transport Hazard Sub Class	None allocated	None allocated	None allocated
Packing Group	None allocated	None allocated	None allocated
Hazchem code	None allocated	None allocated	None allocated
ADG Special Provisions code	None allocated	None allocated	None allocated
Environmental Hazards			

**Packing Instruction:** None allocated

## Section 15 - Regulatory Information

**Poison schedule (Australia):**

Not scheduled

**Australia inventory (AICS):**

All components are listed or exempted.

**New Zealand Inventory of Chemicals (NZIoC):**

All components are listed or exempted.

**HSNO Approval Number:**

HSR002530

**HSNO Group Standard:**

Cleaning Products (Subsidiary hazard)

**APVMA Approval Number:**

Not applicable

**TGA ARTG:**

**MedSafe:**

# SAFETY DATA SHEET

Product Name: Harpic Hygienic Plus, Citrus Scent



HEALTH · HYGIENE · HOME

## Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> edition)
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

**Creation Date:** **September, 2016**

**This version issued:** **October, 2016** and is valid for 5 years from this date.

**Revision comments:** First issue to GHS standard mentioned below.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)