

# MATERIAL SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### FLOROGEN

**Recommended Use:** Concentrated air-freshener for odour control.  
**Product Code:** 060094 (12x500mL), 060037 (3x5L).

**Whiteley Corporation Pty Ltd** (A.C.N. 000 906 678)  
 Postal Address: P. O. Box 1076 North Sydney NSW 2059  
 Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077  
 Web: [www.whiteley.com.au](http://www.whiteley.com.au)  
 Emergency Telephone Number: Poisons Information Centre (National) 131126

## Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

R36/38 Irritating to eyes and skin.  
 S2 Keep out of reach of children

## Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
Ethanol	64-17-5	<20%

## Section 4: FIRST AID

<b>Eye (Contact)</b>	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
<b>Skin (Contact)</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.
<b>Inhalation(Breathing)</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>First Aid Facilities</b>	Ensure an eye wash is available and ready for use
<b>Additional Information</b>	No aggravated medical conditions are known to be caused by exposure to this product.

### Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	Use dry chemical, carbon dioxide, alcohol stable foam, fine water spray or fog type extinguishers.
<b>Hazards From Combustion Products</b>	Carbon monoxide and/or carbon dioxide may be produced.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	Firefighters should wear self-contained breathing apparatus (SCBA) and complete protective clothing. Vapours are heavier than air and will 'travel' to low-level areas and/or spread fires. Remove containers from path of fire if safe to do so. Water may be used to cool exposed containers. Burns with a colourless flame.
<b>Additional Information</b>	<b>Hazchem Code</b> – Nil

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide Not applicable.
<b>Spills / Clean up</b>	Eliminate all sources of ignition. Stop leak if safe to do so. Prevent spill entering waterways. For larger spills (greater than 1L) – contain spill by placing inert, non-combustible absorbent material such as toweling, vermiculite, sand or dirt onto spill. For small spills (less than 1L) – can be wiped up using clean rags. Collect material using non-sparking tools and place into a suitable container for disposal according to local regulations. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment and goods. Store product in original container. Wash thoroughly after handling product.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well-ventilated area. Keep container tightly sealed.

### Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

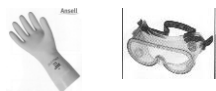
**National Exposure Standards** – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Ethanol	64-17-5	1000ppm 1880mg/m <sup>3</sup>	Not available

**Biological Limit Values** Not known.

**Engineering Controls**

When used in confined spaces respiratory protection may be required to keep concentrations below exposure standard limits, see Personal Protective Equipment.

**Personal Protective Equipment**

Eye/face protection – Safety glasses or chemical resistant goggles is recommended to prevent eye contact whenever handling chemicals.

Skin protection – Not normally required. However should any discomfort occur, use suitable protective clothing, such as impervious gloves, apron, face shield and chemical resistant boots to prevent skin contact.

Respiratory protection – Not normally required. If necessary, use an approved respirator with organic vapour filters.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** Green liquid

**Boiling Point** less than 100°C

**Odour** Floral Spice

**Freezing Point** less than 0°C

**pH** 6.6 - 7.6

**Solubility** Soluble in water.

**Specific Gravity** 0.91

**Flash Point** Not Applicable.

**Vapour Pressure** Not Available.

**Upper and Lower Flammability limits (in air)** Not Available.

**Vapour Density** Not Available.

**Ignition Temperature** Not Available.

**Section 10: STABILITY AND REACTIVITY**

**Chemical Stability**

Stable under normal ambient storage conditions.

**Conditions to avoid**

Avoid high temperatures (store below 30°C). Protect against physical damage.

**Incompatible materials**

Incompatible with strong oxidising agents.

**Hazardous decomposition products**

Burning can produce carbon monoxide and/or carbon dioxide.

**Hazardous reactions**

Not known.

**Section 11: TOXICOLOGICAL INFORMATION**
**HEALTH EFFECTS****Acute****Swallowed**

Considered an unlikely route of entry in commercial / industrial environments. May cause nausea and vomiting. Aspiration may cause lung damage.

**Eye****Skin**

Liquid may cause severe eye irritation and damage. Mist may cause irritation.

**Inhaled**

Slight irritation and reddening may occur.

Vapour or mists may be irritating to respiratory system. May cause headache and nausea.

**Chronic**

<b>Swallowed</b>	May cause degenerative changes in the liver and kidneys.
<b>Eye</b>	Permanent damage may result.
<b>Skin</b>	None known.
<b>Inhalation</b>	None known.

**TOXICITY DATA**

Ethanol	LD <sub>50</sub> 7060mg/kg (oral, rat)	RTECS KQ6300000
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**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** Not known.

**Persistence and degradability** Not known.

**Mobility** Not known.

**Section 13: DISPOSAL CONSIDERATIONS**

**Disposal method** Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before disposing to an authorised landfill.

**Special precautions** Suitable for incineration by approved agent.

**Section 14: TRANSPORT INFORMATION**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

**UN Number** Not applicable.

**UN Proper Shipping Name** Not applicable.

**Class and subsidiary risk** Not applicable.

**Packing Group** Not applicable.

**Special precautions for user** Not applicable.

**Hazchem Code** Not applicable.

**Section 15: REGULATORY INFORMATION**

Poisons Schedule (SUSDP): None Allocated.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

**Section 16: OTHER INFORMATION**

**Date of preparation:** 16<sup>th</sup> April 2013

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