

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
 Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Not classified as hazardous by the criteria of Safe Work Australia.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%

Section 4: FIRST AID

Eye (Contact)	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.
Skin (Contact)	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.
Inhalation(Breathing)	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Ingestion (Swallowing)	DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Ensure an eye wash is available and ready for use
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Use dry chemical, carbon dioxide, alcohol stable foam, fine water spray or fog type extinguishers.
Hazards From Combustion Products	Carbon monoxide and/or carbon dioxide may be produced.
Precautions For Fire Fighters and Special Protective Equipment	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.
Additional Information	Hazchem Code – Nil

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide Not applicable.
Spills / Clean up	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

Precautions for Safe Handling	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.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area. Keep container tightly sealed.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

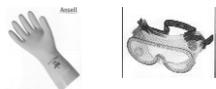
National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Ethanol	64-17-5	1000ppm 1880mg/m ³	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.

Slight irritation and reddening may occur.

Inhaled

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

Chronic

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

TOXICITY DATA

Ethanol	LD ₅₀ 7060mg/kg (oral, rat)	RTECS KQ6300000
---------	--	-----------------

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: 7th October 2013

© This document remains property of Whiteley Corporation Pty Ltd.
Alterations are not permitted without prior written authorisation from Whiteley Corporation Pty Ltd.