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MATERIAL SAFETY DATA SHEET

NOTE: This Material Safety Data Sheet (MSDS) is prepared for industrial/commercial use situations. The preparation of this MSDS may be required by law, but this is not an assertion that this product presents a risk in the normal consumer use situation or reasonably expected use.

1. Identification

Product Name:	POWAIR WASTE ODOUR CONTROL LIQUID
Product Item Numbers:	PCL-80ML-PC, PCL-500ML-PC, PCL-01LJG-PC, PCL-04LJG-PC, PCL-20LJG-PC
Recommended Use:	Odour Neutralizer
Product Manufacturer:	Odorchem Manufacturing Corp. Unit #1 – 9790 190 th St. Surrey, B.C. V4N 3M9
Telephone:	604 – 942 – 7880 Toll Free: 877 – 386 – 5000
Emergency No.	604 – 942 – 7880 Toll Free: 877 – 386 – 5000

2. Hazard(s) Identification

GHS Classification

Physical Hazards

Not Classified

Human Health Hazards

Not Classified

Environmental Hazards

Not Classified

Labeling

Symbol: None

Signal Word: None

Hazard Statement:

Contains Terpenes and Terpenoids. May produce an allergic reaction.

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Precautionary Statements:

None

3. Composition/Information on Ingredients

Hazardous Ingredients	CAS Number	Weight %	TLV (ppm)
Terpenes mixture	65996-98-7	< 1.0	N/Av

All other components are not considered hazardous by the "Hazardous Products Act" and do not appear on the Ingredient Disclosure List of hazardous substances. This is a commercial product, and the exact ratio of components may vary. Trace quantities of impurities are also likely.

4. First-aid Measures

Inhalation: If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing is shallow or has stopped, remove person to fresh air and give oxygen or artificial respiration.

Skin Contact: Rinse skin with soap and water. Remove saturated clothing and footwear; wash before re-use. If irritation develops, get medical attention.

Eye Contact: Hold eyelids apart and flush eyes with running water continuously for 15 minutes. Get medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Rinse mouth with fresh water. Drink water.

Note to Physicians: Treat symptomatically. Note the nature of this product.

5. Firefighting Measures

Flammability Class: not flammable

Suitable Extinguishing Media: Carbon Dioxide, dry chemicals, foam or water fog.

Specific Fire and Explosion Hazards: May decompose on contact with flames or extremely hot metal surfaces to produce toxic and corrosive products. Thermal decomposition products are Carbon oxides (CO, CO₂). There is no explosion hazard from this material under normal circumstances.

Special Protective Equipment and Precaution for Fire Fighters: For fires in enclosed areas, wear self-contained breathing apparatus. Do not inhale combustion gases.

6. Accidental Release Measures

Personal Precautions: Slippery on floors. Avoid breathing excessive vapors. Ventilate enclosed spaces and remove solids from spill area. Remove

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saturated clothing and footwear; wash before re-use. Do not smoke, eat or drink while cleaning up. Eye protection and impervious gloves are recommended.

Environmental Precautions: Do not let product enter storm sewers or drains. Remove solids from spill area and dispose of appropriately.

Methods and Materials for Containment and Cleaning Up: Sweep, shovel up and keep in suitable, closed containers for disposal.

Disposal: This material may be suitable for approved landfill. Dispose only at an appropriate waste disposal facility in accordance with current applicable laws and regulations.

7. Handling and Storage

Conditions for Safe Handling: Avoid contact with eyes. Avoid prolonged repeated skin contact. Use good personal hygiene practices. Wash hands before eating, drinking or smoking. Wash skin and clothing if contaminated, keep container closed unless in use.

Conditions for Safe Storage: Keep container tightly closed in a cool, dry and well-ventilated place.

8. Exposure Controls/Personal Protection

Information on the System Design/Engineering Controls: Localized ventilation required to maintain the point of use below the Threshold Limit Value.

Exposure Limits:

Hazardous Ingredients	CAS Number	TLV (ppm)
Terpenes mixture	65996-98-7	N/Av

Ventilation: For commercial and industrial applications, use in a well-ventilated area with local exhaust.

Respiratory Protection: Not required for short-term exposure in a well-ventilated area with local exhaust. Use approved respirators for emergencies.

Eye Protection: Not normally necessary, safety glasses are optional.

Skin Protection: If prolonged or repeated skin contact is likely, approved safety gloves should be worn. Good personal hygiene practices should always be followed.

Exposure Effects: A small number of individuals may experience reactions such as redness, rash and/or swelling upon prolonged or repeated skin contact or eye contact.

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9. Physical and Chemical Properties

Physical State:	Liquid
Colour:	White, Off-White, Beige
Odour:	Characteristic Fragrance
Odour Threshold:	Not available
pH-Value:	Not available
Melting Point:	Not available
Freezing Point:	Not available
Initial Boiling Point:	Not available
Flash Point:	Not available
Evaporation Rate:	Not available
Flammability (solid, gas):	Not flammable
Explosion Limits:	Not applicable
Vapour Pressure:	Not available
Vapour Density:	Not available
Relative Density/Specific Gravity:	1.0
Solubility:	Soluble
Partition Coefficient:	Not available
Auto-Ignition Temperature:	Not available
Decomposition Temperature:	Not available

10. Stability and Reactivity

Chemical Stability: Stable under the recommended storage and handling conditions. No decomposition if used according to specifications.

Possibility of Hazardous Reactions: None are known.

Conditions of Reactivity/Conditions to Avoid: None are known.

Incompatible Materials/Materials to Avoid: No known incompatibilities.

Hazardous Decomposition Products: May form CO and CO₂, as well as various hydrocarbons and smoke if the product experiences excessive heating.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Skin Corrosion/Irritation:	No Classification
Serious Eye Damage/Eye Irritation:	No Classification
Respiratory Sensitization/Skin Sensitization:	No Classification
Germ Cell Mutagenicity:	No Classification
Carcinogenicity:	No Classification
Reproductive Toxicity:	No Classification
Specific Target Organ Toxicity	
Single Exposure:	No Classification

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Repeated Exposure:	No Classification
Aspiration Hazard:	No Classification

12. Ecological Information

Persistence and degradability: The majority of the organic components contained in the product are rapidly biodegradable. All components contained in the product are considered to be inherently biodegradable.

Bio-Accumulative Potential: There is no evidence to suggest bioaccumulation will occur.

Mobility: Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

Aquatic Toxicity: No Classification

13. Disposal Considerations

Waste Disposal: Dispose of in accordance with local regulations.

14. Transportation Information

No special transport requirements.

15. Regulatory Information

Inventory Status:

Canadian:

WHIMS Classification: Not Rated

U.S.A.:

Environmental Protection Act: Constituents of this product are included on the TSCA inventory.

OSHA (29CFR 1910.1200) Classification: not rated

HMIS: 1 Health, 1 Fire, 0 Reactivity

German:

Australian:

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16. Other Information

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration, USA
TSCA	Toxic Substances Control Act 1976, USA
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHIMIS	Workplace Hazardous Materials Information System

Disclaimer:

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. **This MSDS is valid for three years.**

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