



INDUSTRIAL ODOR CONTROL PRODUCTS,  
SOLUTIONS & ODOR ASSESMENT SERVICES



# PRODUCT CATALOGUE

# 2017



Prelam Enterprises is a Canadian company that specializes in the manufacturing and exporting of high-quality air-care and malodor control products. We strive to deliver innovative solutions to our clients, with satisfaction as our ultimate goal.

Prelam offers solutions for a wide range of odor control problems in a number of environments, such as sewage treatment plants, industrial farms, quarries and foundries, or any industry where the presence of odors may become an issue.

Our products range from our Industrial Strength scented formula to our unscented Eco odor control additives that combines physically with the odor molecules and wipes them out completely.

Prelam provides odor sampling and analysis services. Our scientists are trained in the use of state-of-the-art instrumentation devices for various industries including environment, nuclear and medical industries, or anywhere odor measurement is required.

Our Moncton headquarters houses a chemistry lab, design team and bottling facility where products are manufactured and distributed globally.

Our team of professionals are committed to delivering exceptional products to the end user, our customers.

### Odor Areas

- Landfill Sites
- Composting Plants
- Sewage Works
- Quarries
- Foundries
- Waste Transfer Stations
- Material Recycling Facilities
- Food Industry
- Rendering Plants



Just'a Drop™ Industrial ECO is a concentrated, environmentally friendly, non-toxic odor counteractant for treating airborne odors that originate from lagoons, sludge piles, etc.

Just'a Drop™ Industrial ECO is a water soluble unscented liquid that is used to treat lagoons, sludge piles and various other odor emitting areas.

### Technical Profile

Just'a Drop™ Industrial ECO is a non-hazardous, non-flammable and completely biodegradable. It is a blend of surfactant(s), oxidizing agent(s), inorganic additive(s) and dye(s) in a water solution. It interacts with odor molecules on a molecular level to neutralize and breakdown the malodorous molecules. Just'a Drop™ Industrial ECO's powerful formula makes it a highly versatile product for both topical and airborne odor control – providing relief from offensive odors including hydrogen sulfide, ammonia, organic sulfur and nitrogen compounds. It is safe to handle and use, and contains no enzymes, alcohols, or bacteria.

### Product Specification

Properties: Transparent liquid

Color: Green

Odor: Unscented

Gravity at 20°C: 0.990 – 1.010

pH at 20°C: 2.77 – 3.39

#### Ordering Information: Just'a Drop™ Industrial ECO

Code	Size	Weight	Dimensions
JADIECO-20 L	20 L 5.28 Gal	21.3 Kg 47 Lbs	46 x 31 x 28 cm 18" x 12" x 11"
JADIECO-208 L	208 L 55 Gal	228 Kg 500 Lbs	94 x 56 cm 37" x 22"

\* Other packaging sizes available upon request. Minimum orders apply.

### Instructions for Use

Application Method: Use with direct injection via trigger bottles or back pack sprayers. Spray format only, NO ATOMIZATION/MISTING.

Dosage: Just'a Drop™ Industrial ECO is added at a rate of 50-100 ppm. Initial dosage is based on lagoon volume, area, etc.

-Guidelines for calculating chemical usage are estimates only. Application rates may vary depending on odor concentration, temperature and application type.





Just'a Drop™ Industrial is specially formulated for direct application over liquid or solid waste on manure lagoon, treatment ponds and septic waste. This process allows for a more desirable environment for workers and nearby communities.

Its long lasting neutralizing action is acquired with small doses.

### Technical Profile

Just'a Drop™ Industrial is a liquid odor neutralizer that works immediately to trap odors directly at the source.

Just'a Drop™ Industrial is a solution composed of a blend of surfactant(s), aroma compound(s), essential oil(s) and dye(s) that creates a thin and stable barrier over the surface that masks the malodor causing molecules, preventing their release into the air. Just'a Drop™ Industrial masks malodorous organic compounds such as ammonia, methanethiol, hydrogen sulfide, and skatole.

### Product Specification

Properties: Transparent liquid  
 Color: Blue  
 Odor: Eucalyptus  
 Gravity at 20°C: 0.946 – 0.966

### Instructions for Use

Apply product directly over the source of malodors. Just'a Drop™ Industrial may be sprayed or poured directly over the source. NO ATOMIZATION/MISTING

Dose used is defined by the amount of organic waste stored and received daily in the pool or lagoon. (Solutions we offer are adapted to customers' needs.)



### Ordering Information: Just'a Drop™ Industrial

Code	Size	Weight	Dimensions
JADI-20L	20 L 5.28 gal	20.4 Kg 45 Lbs	46 x 31 x 28 cm 18" x 12" x 11"
JADI-208L	208 L 55 Gal	219 Kg 483 Lbs	94 x 56 cm 37" x 22"

\* Other packaging sizes available upon request. Minimum orders apply.

### Application Areas

- Lagoons
- Agricultural compost
- Septic wastewater odors
- Landfill sites
- Livestock farms
- Sludge piles

### Types of Odors Treated

- Ammonia
- Hydrogen sulfide
- Nitrogen compounds
- Organic sulfur
- Mercaptans

### Storage

Store the closed container of Just'a Drop™ Industrial ECO & Just'a Drop™ Industrial in a dry location. Storage information may be indicated on the product container labeling. Material removed from containers may be contaminated during use. Do not return product to the original container. Prelam cannot assume responsibility for product which has been contaminated or stored under conditions other than those indicated below. Optimal Storage: 8°C to 21°C. Storage below 8°C or greater than 21°C can adversely affect product properties.



### Material Specification

Test reports for each batch are available for the indicated properties. Test reports include internal QC test parameters to ensure end product is substantial for customer use.

### Other

We recommend that each prospective user test the proposed application before repetitive use, using this data as a guide.

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If additional information is required, please contact Prelam Enterprises Limited.



## ODOR ASSESSMENT SERVICES

Our trained scientists are equipped with world class odor sampling and analysis equipment, certified in the use of state-of-the-art instrumentation technologies in the field of odor measurement.



### Odor Impact Assessment

- Determine the odor levels.
- Identify and rank odor sources.
- Differentiate the odor impact of one plant from neighboring plants.
- Recommend solutions for odor impact reduction.

### Field Odor Patrol

- **Source identification:** determining the sources that need to be sampled and measured using olfactometric laboratories
- **Baseline Study:** assess the plants emission at the boundary and at the sensitive receptors (neighboring residents)
- **Contribution Study:** assess the impact of other nearby odor causing industries
- **Quality Assurance:** assess the accuracy of predicted impact from dispersion model and source sampling by comparing the results to real measured field data.
- **Determine the effect of process events** (e.g. flaring) on odor impact of the plant.

### Analyzing and Reporting

- The total impact of the plant on the residents
- Baseline ambient odor levels
- Identification and contribution of all sources
- Ranking of all sources based on their odor contribution
- Effects of process events on odor impact
- Efficiency of current odor control plants
- Required efficiency of future odor mitigation solutions





### Odor Analysis

Prelam Solutions is equipped with state-of-the-art odor sampling and analysis equipment.

Our scientists are trained in assessing, analyzing and reporting on odor or emissions issues for the environment, nuclear, and medical industries, bringing their knowledge of this new and innovative technology to the field of odor measurement.

Our scientists are fully certified in the use and analysis of these devices.

### Odor Prevention

Prelam Solutions is a world leader in innovative odor reduction and prevention liquids. We have various liquids available to help reduce or eliminate nuisance odours.

Our liquids are primarily used for the elimination of odor, suppression of dust, and controlling bacteria. Designed specifically to eliminate offensive odors including hydrogen sulphide, ammonia, organic sulfur and nitrogen compounds.

Our Eco formula also inhibits the growth of gram positive and gram negative bacteria such as: Legionella, E Coli, MRCS, CDIFF, Listeria and many more.





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