



Ecolab Center
St. Paul, Minnesota 55102

Item #: 0050BB

Bathroom Deodorant (Blue)
Aerosol Spray/Encounter

AIRSPACE ENCOUNTER

62240711 MATERIAL SAFETY DATA SHEET Page 1 of 2
MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026
Medical Calls from Outside of the USA: 1-651-222-5352

PROFESSIONAL PRODUCTS ECOLAB INC.
370 WABASHA STREET NORTH
ST. PAUL MN 55102
Product Information: 1-800-247-5362

Issue Date: December 8, 1999

1.0 IDENTIFICATION /

- 1.1 Product Name: AIRSPACE ENCOUNTER
- 1.2 Product Type: Metered Aerosol Air Freshener
- 1.3 Hazard Rating: Health: 2 Fire: 3 Reactivity: 0

Substances Subject to SARA 313 Reporting Are Indicated by "#"

2.0 HAZARDOUS COMPONENTS /

	CAS No.	%	(in mg/m3)	
			PEL	TWA
2.1 Acetone	67-64-1	70	2400	1780*
			*ACGIH STEL = 2380 mg/m3	
2.2 Propane	74-98-6	20-50	1800	4508*
			*NIOSH TWA = 1800	

STEL = ACGIH short term exp. limit (15 min) PEL = OSHA 8 hr ave in air
TWA = ACGIH 8 hr average C = ceiling limit in air, do not exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Aerosol containing clear fragranced liquid

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: Contents under pressure, very flammable.
- 4.2 Fire Fighting Methods: Use water fog, foam, dry chemical or CO2. Cool fire-exposed containers with water.
- 4.3 Flash Point: (propellant) < 20 deg F, extremely flammable.
- 4.4 Explosive limits: LEL: 2.2% UEL: 12.8
- 4.5 Level 3 Aerosol, NFPA 30B

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of use and handling.
- 5.2 Conditions to Avoid: Ignition sources, high heat. Do not spray near fire. Do not store above 120 deg F. Exposure to sunlight or other heat may cause bursting.

6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: In case of a multi-container, massive release, remove all ignition sources, ventilate. Avoid breathing vapors, remove liquid with inert absorbent.
- 6.2 Waste Disposal: Do not puncture or incinerate container. Wrap empty container, dispose in trash. Unused product is RCRA Ignitable (D001).

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Page 2 of 2

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7.0 HEALTH HAZARD DATA /

WARNING

7.1 Effects of Overexposure to Concentrate:

Eyes: Causes minor to moderate irritation.

Skin: May cause irritation, drying depending on degree of exposure.

If Inhaled: Deliberate inhalation of concentrated product spray may be harmful or fatal. Excessive airborne concentrations may cause breathing difficulties, dizziness or headaches.

8.0 FIRST AID /

8.1 Eyes: Flush with cool running water. Remove contact lenses and flush again 10-15 minutes.

8.2 Skin: Wash well with soap and water.

8.3 If Inhaled: Remove to fresh air. If breathing is difficult, administer oxygen. If breathing stopped, give artificial respiration.

IN CASE OF DELIBERATE INHALATION OF PRODUCT, CALL A PHYSICIAN OR
THE 24-HOUR MEDICAL EMERGENCY NUMBER (1-800-328-0026) IMMEDIATELY

9.0 PROTECTIVE MEASURES /

9.1 FOR CONCENTRATE:

Eyes: Chemical splash goggles recommended to avoid eye contact when changing canisters.

Skin: Do not spray directly on skin. No special equipment needed.

Respiratory: Avoid breathing concentrated mists of this product.

10.0 ADDITIONAL INFORMATION /

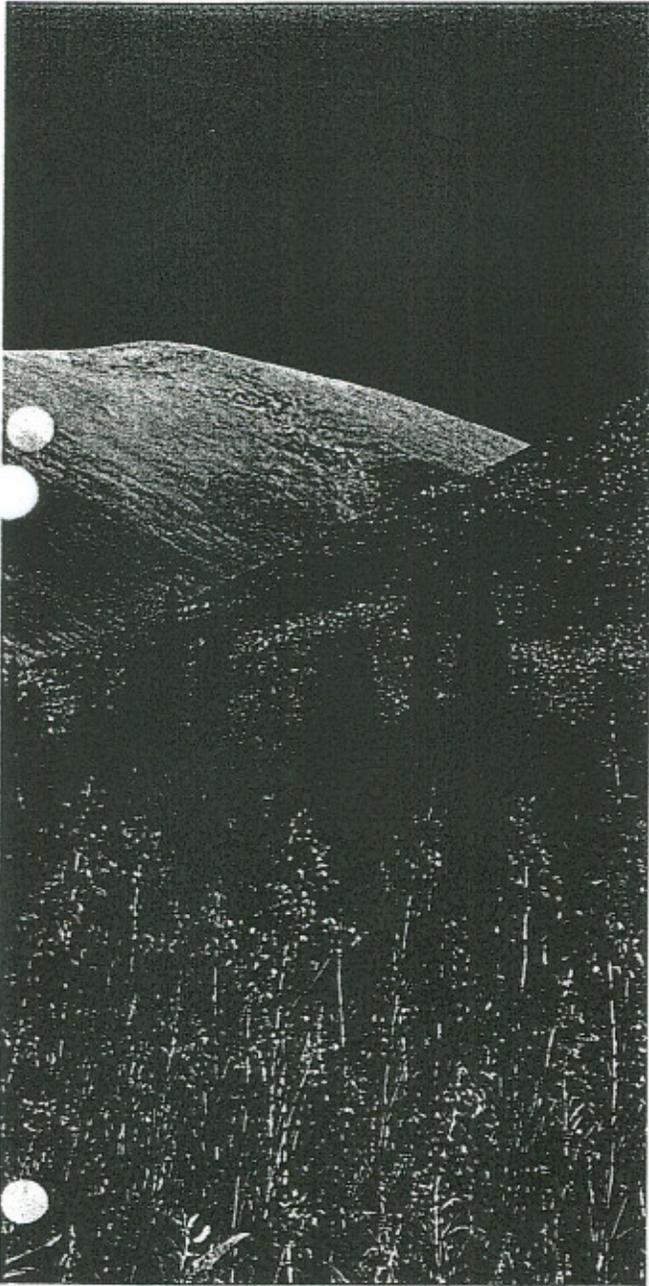
10.1 Purpose of 12/8/1999 issue: Minor editorial update. Replaces March 25, 1999 issue.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

#16a, b, c, d, e

PSST...



Announcing
a new
Airkem system—
the secret to
nonstop odor
control.

Everything you ever wanted in an air freshening system.

Airkem's new microprocessor-controlled aerosol system provides nonstop freshness in any public or private facility. It brings the science of odor control, and the pleasant fragrances of the great outdoors, indoors. For a positive first impression with guests, customers and employees. And for only pennies a day.

—● **Consistent results.** Air Space gives you the same positive results the last day, as it does on the first day. Its sleek aerosol dispenser releases 3000 metered sprays per can—for the right fragrance balance throughout the entire use-life of the product. The result is never too strong; never too weak; never changing.

—● **Flexibility.** The Air Space system is completely adjustable to meet your needs. You can turn off the system during long down periods, or set it to operate only during the day. And you can adjust the dispenser to release product at 5 to 25 minute intervals, depending upon the size of your room or the odor intensity.

—● **Cost-effectiveness.** Each can of Air Space product provides 3000 metered sprays. At 25-minute intervals, that's only one can per 60 days. When you use the daylight-only sensor, that's one can per 120 days...only a few cents a day to reinforce a positive image. You maximize effectiveness and minimize waste.

—● **Ease of use.** Air Space comes with bilingual labeling and instructions for safe, easy handling by Spanish-speaking personnel. A refill light and audio signal make it easy for employees to know when can is empty or batteries are low. Microintegrated circuitry extends battery life up to two years.



Key Air Space Data

Packaging:	12/7-oz. aerosol cans
Sprays per Can:	3000
Properties:	No CFC, Ozone Safe
Coverage:	Up to 6000 cubic feet per dispenser
Battery Type:	D-Cell Alkaline
Mounting:	Screws or adhesive mount
Warranty:	5 year warranty (not vandalism)
Dispenser Color:	Light gray to match any interior
Time to Reload:	Under 10 seconds
Places Not To Install:	Next to air intake or outtake venting Stay away from eye level installations

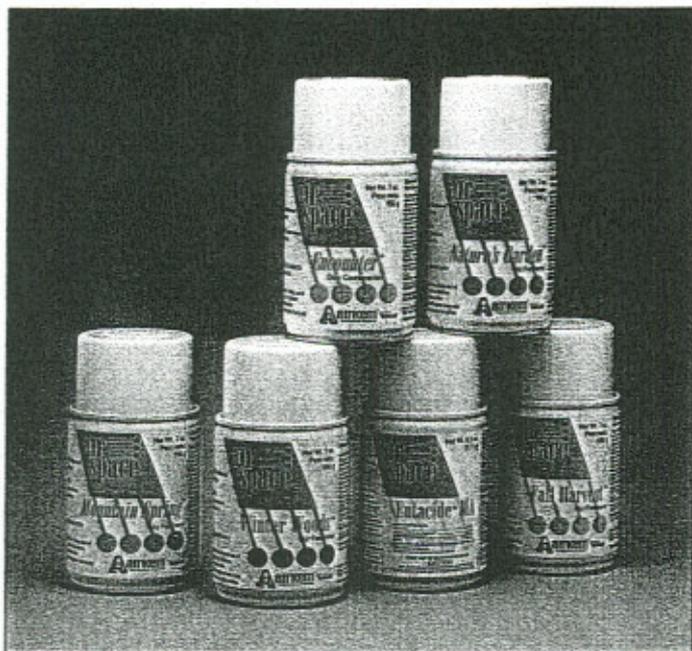
Features

- On/Off Switch
- Low Battery Indicator
- 24-Hour Capability
- Day/Night Sensor
- 5-25 Minute Timing Adjustment
- Refill Warning Light
- Microintegrated Circuitry
- Audio Signals
- Adhesive Strips for Installation

Key Air Space Applications:

Public rest rooms, offices, meeting rooms, basements, service stations, ships, trains, doctor/dentist offices, veterinary clinics, hospital wards, smoking areas, nursing homes, morgues, retail stores, health clubs, locker rooms, beauty salons, theaters, industrial washrooms, auto dealers, banks, bowling alleys, apartment buildings, refuse areas, pet stores, hotels.

Air Space™ odor control products.



Odor Counteractants Encounter®

A true odor counteractant compounded of select essential natural oils that virtually eliminate odors while leaving behind a pleasant air-freshened effect. Especially effective in eliminating incontinency, rest room, refuse and cancer patient odors.

Seasonal Scents Nature's Garden™

The clean, fresh fragrance of a newly-picked bouquet.

Mountain Spring™

The natural, stimulating scent of fresh mountain air.

Winter Woods™

The crisp, festive fragrance of an evergreen forest.

Fall Harvest™

The pleasant, relaxing aroma of apples and spice.

Insecticide Entacide® MA

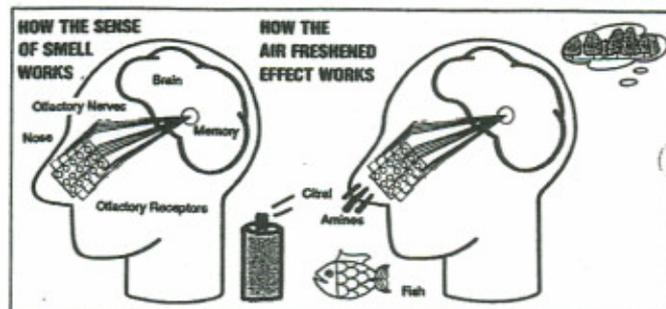
A pleasantly scented, highly-concentrated synergized pyrethrum formula for broad-spectrum insecticidal activity. Provides effective knockdown, kill and control of flies, gnats and mosquitoes in food and non-food areas.

PACKAGING: 12/7-oz. aerosol cans per case

MSDS information provided on shipping boxes keeps important OSHA recommendations at hand.

SAFETY REMINDER: Before using these or any other products, make sure your employees read and understand the product label and Material Safety Data Sheet—both contain appropriate Hazard Warning and First Aid Instructions.

FOR EMERGENCY MEDICAL INFORMATION
CALL TOLL-FREE: 1-800-328-0026



Odor control basics: Why does it smell and what to do about it.

Molecules/Memory Bank

Tens of millions of receptors in the nose, each connected to the brain by a separate olfactory nerve, help us identify specific odors. When an odor molecule contacts the right receptor, an impulse is sent to the brain, which searches its memory banks and identifies the odor.

To perfume or counteract

By adding a stronger, more pleasant fragrance, a form of odor control can be achieved. For example, we can cover up a fish smell with a grape odor. The fish and grape impulses go to their receptor in our brain, but our memory has no record of grape and fish combined, so it identifies both odors, with the sweetness of grape predominating.

This coverup with a more pleasant smelling "reodorant" is called masking. But while masking is fine in many circumstances where bad odors are temporary, like in the home or small office, it has limitations in more permanent applications.

Match and dispatch

A counteractant is another odor that actually "cancels out" the offending odor.

A counteractant effect is based on the fact that for every odor molecule, there is another odor molecule that is its pair. In proper proportion, these odor pairs have the effect of canceling the perception of either odor. The impulses each odor send to the brain cancel each other and the brain perceives no odor.

So by matching odor pairs, an objectionable odor is eliminated, not merely covered up.



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