

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product name : **PRO-LINK PUREAIRE**
Product code : PRO-007
Supplier : Pro-Link Inc.
Address : Canton MA
Telephone : 1-800-74LINKS

+ EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:
Vectair Systems Limited : +44-1256-319500

1.2 Trading Name Prozone Ozone Generator

2. HAZARD INFORMATION

Irritating to eyes and respiratory tract.

3. COMPOSITION / INFORMATION ON CONSTITUENTS

CHEMICAL NAME	CONCENTRATION	RISK PHRASES	CAS NO
ozone	<5 ppm @ generator outlet	irritant	10028-15-6
air	balance	-	-

4. FIRST AID MEASURES

Inhalation : Remove the person to an uncontaminated area.

5. FIRE FIGHTING METHODS

No risk

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate area.
Wear appropriate respiratory protection.
Environmental Precautions: None, allow to decay naturally to oxygen.

7. HANDLING & STORAGE

Handling: Ensure generating equipment is correctly set up.
Keep away from materials that degrade or oxidise in the presence of Ozone.
Refer to operating instructions for generator.
Storage: Cannot be stored, as it will revert back to oxygen in a few hours.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit value: 0.2ppm (v/v) 15 mins TWA according to EH 40 (UK).
Ensure adequate ventilation.
Wear respiratory protection if continually exposed to levels above 0.2ppm.

9. PHYSICAL & CHEMICAL PROPERTIES

Description: colourless gas
Molecular Weight: 48.
Melting Point: -196°C.
Boiling Point: -110°C.
Density gas (NTP): 2.144g/litre.

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Odour: 'Bleach' smell at concentrations above 0.03ppm (v/v.)
Other Data: Gas is heavier than air.

10. STABILITY & REACTIVITY

Thermal decomposition occurs rapidly above 200 °C, (in a few hours at room temperature.)
The half-life time in the gas phase at room temperature is 10 minutes to 2 hours.
Avoid certain textiles, fabrics, organic dyes, rubbers and plants.

11. TOXICOLOGICAL INFORMATION

May induce nausea and headaches.
Possible lung damage on prolonged exposure at high concentration.

12. ECOLOGICAL INFORMATION

Does not form a permanent ecological hazard.

13. DISPOSAL CONSIDERATIONS

Discharge to atmosphere in a well-ventilated place.

14. TRANSPORT INFORMATION

Not applicable. See section 7 – Storage.

15. REGULATORY INFORMATION

Guidance Note EH38 (UK):- Ozone: Health Hazards and Precautionary Methods.
Labelling Phrases: Irritant (Label at the Generator Output).

16. ADDITIONAL INFORMATION

Ozone is unstable and cannot be stored.
Ozone is made at the point of use.
It is used as a de-odouriser, fungicide, bactericide and algacide.
It is frequently made as a side effect in machinery, for example, photocopiers.

NOTICE FROM PRO-LINK INC:

The information on this Material Safety Data Sheet whilst believed to be reliable is intended for use by skilled persons at their own risk. Pro-Link Inc. assumes no responsibility for events resulting or damages occurring from its use. The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.