

Ainsworth Dental Company

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MATERIAL SAFETY DATA SHEET

1. NAME OF PRODUCT

Product Name: **Miracold Plus**
Product Code: HW554213
Used for: Cooling Spray
Supplier: Ainsworth Dental Company

2. CHEMICAL ANALYSIS

Formula:	%:	CAS No:
Butane, pure	55.5%	106-97-8
Propane liquefied	34.5%	74-98-6
Isohexan	10%	107-83-5

3. POSSIBLE HAZARDS

Extremely hazardous. Extremely flammable.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Instantly call for medical help.
Inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult medical help if symptoms persist.
Skin: Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult medical help.
Eyes: Rinse opened eye for several minutes under running water. Then consult medical help.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water. Cool endangered containers with water spray jet.
Special hazards: Formation of toxic gases is possible during heating or in case of fire. Heat will increase pressure and may lead to the container exploding.
Protective equipment: Breathing apparatus. Do not inhale explosion gases or combustion gases.

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6. SPILLS & LEAKAGE MEASURES

Person-related safety precautions:	Wear protective equipment. Ensure adequate ventilation. Keep away from ignition sources. Avoid contact with eyes and skin.
Measures for environmental protection:	Do not allow product to reach sewage system or water bodies.
Measures for cleaning/collecting:	Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents. Absorb liquid components with liquid-binding material. Dispose of the material collected according to regulations.

7. HANDLING AND STORAGE

Handling:	Store in cool, dry place in tightly closed containers. Container is pressurised - Keep away from heat and direct sunlight. Open and handle container with care. Keep ignition sources away – Do not smoke. Protect against electrostatic charges. Do not spray on flames or red-hot objects.
Storage:	Store in cool, dry conditions in well sealed containers. Store only in the original container. Observe official regulations on storing packagings with pressurised containers. Store away from foodstuffs.

8. PERSONAL PROTECTION GEAR

Protection:	Safety glasses
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9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Aerosol
Colour:	Colourless
Odour:	Perfumery
Solubility in water:	Not miscible or difficult to mix.
Flash Point:	N/A
Density at 20°C:	0.56 g/cm ³
Ignition temperature:	>400°C
Boiling Range:	N/A
Melting Point:	Not determined
Vapour pressure at 20°C:	7.7 hPa
Explosive range:	1.5 – 8.5 Vol%

10. STABILITY AND REACTIVITY

Conditions to avoid:	Protect from heat and direct sunlight.
Hazardous Decomposition products:	None.
Incompatibility (Materials to avoid)	None known.
Stability:	Danger of bursting.
Hazardous Polymerization:	None known.

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11. TOXICOLOGY INFORMATION

No data available. No sensitising effect known.

12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL INSTRUCTIONS

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

14. TRANSPORTATION INSTRUCTIONS

Land transport:

Class:	2
Classification code:	5F Gases
UN No:	1950
Hazard label:	2.1
Nomenclature:	1950 Aerosols

Sea transport:

Class:	2.1
UN Number:	1950
Hazard label:	2.1
EmS:	F-D, S-U
Nomenclature:	Aerosols

Air Transport:

Class:	2.1
UN No:	1950
Hazard label:	2.1
Nomenclature:	Aerosols, flammable

Air Transport:

15. REGULATIONS

Hazard Classification:	Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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16. OTHER INFORMATION

The data and information given in this Material Safety Data Sheet are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this material since this is beyond our control.

**SYDNEY
NOVEMBER 2010**