

Ainsworth Dental Company
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Safety Data Sheet
according to
the Preparation of SDS for Hazardous Chemicals
Code of Practice February 2016 – Safe Work Australia

SECTION 1: Identification of the substance / mixture and of the company / undertaking

1.1 Product Identifier:

Trade name: Non-Stick Spray 400ml

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance/the preparation: Protection/Conditioning/Isolation Spray

1.3 Details of the supplier for the safety data sheet

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1.4 Emergency Telephone: Poisons Information Centre (National) 13 11 26

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture:

Indications of danger: F+ - Extremely flammable, Xi-Irritant, N-Dangerous for the environment.

R phrases:

Extremely flammable.

Irritating to skin.

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

Vapours may cause drowsiness and dizziness.

GHS classification

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

2.2 Label elements

Hazardous components which must be listed on the label.

Hydrocarbons, C6, isoalkane, <5% n-hexane

Signal word: Danger

Pictograms: GHS02-GHS07-GJS09



Hazard statements

- | | |
|------|--|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements

- | | |
|-----------|---|
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P251 | Do not pierce or burn, even after use. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P410+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
| P501 | Dispose of contents container in accordance with local/regional/national/international regulations. |

SECTION 3: Composition/information on ingredients**3.2 Chemical characterization: Mixtures****Hazardous components:**

CAS: 64742-49-0	naphtha hydrotreated light; Low boiling point hydrogen treated naphtha (petroleum)	25-50%
EINECS: 265-151-9	F-Highly Flammable, Xn – Harmful, Xi – Irritant, N – Dangerous for the environment. R11-38-51-53-65	
	 Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411	
Reach number:	01-2119484651-34	

CAS: 106-97-8	butane	25-50%
EINECS: 203-448-7	 F+ R12 Extremely flammable	
Index number: 601-004-00-0	 Flam. Gas 1, H220	
CAS: 74-98-6	propane	10-25%
EINECS: 200-827-9	 F+ R12 Extremely flammable	
Index number: 601-003-00-5	 Flam. Gas 1, H220	

SECTION 4: First aid measures**4.1 Description of first aid measures**

After inhalation: Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After skin contact: After contact with skin, wash immediately with water. Change contaminated clothing.

After eye contact: Rinse immediately carefully and thoroughly with eye-bath water..

After swallowing: If swallowed, immediately drink water.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing agents: Carbon Dioxide CO₂, foam, extinguishing powder.

For safety reasons unsuitable extinguishing agents: Water. Foam. Water with tenside additive.

Firefighting measures continued

5.2 Special hazards arising from the substance or mixture Combustible. Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

5.3 Advice for firefighters

Protective equipment: Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: Use water spray jet to protect personnel and to cool endangered containers.

Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation. Wear a self-contained breathing apparatus and chemical protective clothing.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Explosion hazard.

6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking.

Further information on handling

No data available

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep in a cool, well ventilated place. Keep away from sources of ignition. No smoking.

Advice on storage compatibility

Do not store together with: Material, rich in oxygen, oxidising.

Further information on storage conditions

No data available

SECTION 8: Exposure and controls/personal protection**8.1 Control parameters****Exposure limits (EH40)**

CAS No.: 106-97-8

Substance: Butane

Ppm: 600 / 750

Mg/m³ 1450 / 1810

Category TWA (8 h) / STEL (15 min)

Origin WEL / WEL

Additional advice on limit values

No data available

8.2 Exposure controls

Tightly sealed safety goggles



Tested protective gloves

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Eye / Face protection

Tightly sealed safety goggles

Hand Protection

DIN EN 374 Tested protective gloves are to be worn: Butyl rubber. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Aerosol
Colour:	Colourless
Odour:	Characteristic

Change in physical state

Initial boiling point and boiling range: -0,5°C

Flash point: < 0°C

Explosion limits:

Lower: 1, 2 Vol %

Upper: 9,4 Vol %

Ignition temperature: 300 °C

Vapour pressure at 20°C: 2100 hPa

Vapour pressure at 50°C: 4900 hPa

Density: 0,725 g cm³

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Keep away from heat. Ignition hazard

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicology information**11.1 Information on toxicological effects****Acute toxicity:**

CAS No:	106-97-8
Chemical Name	(exposure routes) butane, inhalative (4 h) gas
Method	LC50
Dose:	273000 ppm

11.1 continued

Species: Rat
 Source: GESTIS

Irritation and corrosivity

Vapours may cause drowsiness and dizziness. After skin contact: Irritant.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC)

SECTION 12: Ecological information**12.1 Toxicity**

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

12.3 Bioaccumulative potential: Partition coefficient n-octanol/water

CAS No.	106-97-8
Chemical name	butane
Log Pow	2,89
CAS No.	74-98-6
Chemical name	propane
Log Pow	2,36

Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC)

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances classified as hazardous waste.

Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**LAND TRANSPORT (ADG)**

14.1 UN-Number	1950
14.2 UN proper shipping name	AEROSOLS
14.3 Transport hazard class(es)	2



Hazard Label 2.1

Class	2
Classification Code	5F Gases
Special Provisions	190 327 625
Limited Quantity	1 L
Transport Category	2
Tunnel Restriction Code	D
Other applicable information (land transport)	E0

INLAND WATERWAYS TRANSPORT (ADN)

14.1 UN-Number	1950
14.2 UN proper shipping name	AEROSOLS
14.3 Transport hazard class(es)	2



Hazard Label 2.1

Class	2
Classification Code	5F Gases
Special Provisions:	190 327 344 625
Limited Quantity	1 L
Other applicable information (inland waterways transport)	E0

MARINE TRANSPORT (IMDG)

14.1 UN-Number	1950
14.2 UN proper shipping name	AEROSOLS
14.3 Transport hazard class(es)	2
14.4 Packing Group	-
Hazard Label	2, see SP63
Special Provisions	63,190,277,327,344,959
Limited Quantity	See SP277
EmS	F-D, S-U
Other applicable information (marine transport)	E0

AIR TRANSPORT (ICAO)

14.1 UN-Number	1950
14.2 UN proper shipping name	AEROSOLS, flammable
14.3 Transport hazard class(es)	2.1



Hazard Label 2.1

Special Provisions	A145 A167
Limited Quantity Passenger	30kg G
IATA – Packing instructions – Passenger	203
IATA – Max. Quantity – Passenger	75 kg
IATA – Packing instructions – Cargo	203
IATA – Max. Quantity – Cargo	150 kg
Other applicable information	E0 : Y203
(Air transport)	

14.4 Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

YES

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information:** 1999/13/EC (VOC): 80 % (520 g/l)**National regulatory information:** Water contaminating class (D): 2 – water contaminating**SECTION 16: Other information****Full Text of R phrases referred to under Sections 2 and 3**

11	Highly flammable.
12	Extremely flammable.
38	Irritating to skin.
51	Toxic to aquatic organisms.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
53	May cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
67	Vapours may cause drowsiness and dizziness.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

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