

Safety Data Sheet

according to WHS Regulations

Printing date 21.04.2022

Revision: 21.04.2022

1 Identification

Product Name: DETACH AEROSOL

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Dental adhesive remover

Details of Manufacturer or Importer:

Australian Dental Manufacturing
25 Billabong Street
Kenmore Hills, QLD, 4069

Phone Number: 07 3878 1901

Emergency telephone number: National Poisons Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



Flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



Health hazard

Aspiration Hazard 1 H304 May be fatal if swallowed and enters airways.



Environment

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



Skin Corrosion/Irritation 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

Signal Word Danger

Hazard Statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 21.04.2022

Revision: 21.04.2022

Product Name: DETACH AEROSOL

(Contd. of page 1)







P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection / face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
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 regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 142-82-5	Heptane	>75%
	 Flammable Liquids 2, H225;  Aspiration Hazard 1, H304;  Aquatic Chronic 1, H410;  Skin Corrosion/Irritation 2, H315; STOT SE 3, H336	
CAS: 67-63-0	2-Propanol	<25%
	 Flammable Liquids 2, H225;  Eye Irrit. 2A, H319; STOT SE 3, H336	

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical attention.

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 21.04.2022

Revision: 21.04.2022

Product Name: DETACH AEROSOL

(Contd. of page 2)

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation. May cause drowsiness or dizziness.

Skin Contact: Causes skin irritation.

Eye Contact: Cause serious eye irritation.

Ingestion: May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use a solid water stream.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

Product is extremely flammable aerosol. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Pressurised container: may burst if heated. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective equipment. Keep unprotected persons away. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

In case of a leak or of an emergency disposal, secure the cylinder and slowly discharge the gas to the atmosphere in a well-ventilated area or outdoors. Allow the gas mixture to dissipate. Eliminate all sources of ignition.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep containers tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents. Do not puncture, cut or drill on full or empty containers. Do not expose to temperatures above 50 °C. Do not dispose of in fire.

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 142-82-5 Heptane**

WES	STEL: 2050 mg/m ³ , 500 ppm TWA: 1640 mg/m ³ , 400 ppm
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(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 21.04.2022

Revision: 21.04.2022

Product Name: DETACH AEROSOL

(Contd. of page 3)

CAS: 67-63-0 2-Propanol	
WES	STEL: 1230 mg/m ³ , 500 ppm TWA: 983 mg/m ³ , 400 ppm

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.

Use an approved type A vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Chemically resistant gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Aerosol
Colour:	Colourless
Odour:	Peppermint
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	Extremely flammable aerosol
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 21.04.2022

Revision: 21.04.2022

Product Name: DETACH AEROSOL

(Contd. of page 4)

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Heat, sparks, open flames and other sources of ignition.**Incompatible Materials:** Strong oxidising agents.**Hazardous Decomposition Products:** Oxides of carbon.

11 Toxicological Information

Toxicity:**LD50/LC50 Values:****CAS: 142-82-5 Heptane**

Oral	LD50	>15,000 mg/kg (rat)
	LD50	>2,000 mg/kg (rabbit)
Inhalation	L50/4 h	103,000 mg/m ³ (rat)

CAS: 67-63-0 2-Propanol

Oral	LD50	5,045 mg/kg (rat)
	LD50	12,800 mg/kg (rabbit)
Inhalation	LC50/4 h	30 mg/l (rat)

Acute Health Effects**Inhalation:** May cause respiratory irritation. May cause drowsiness or dizziness.**Skin:** Causes skin irritation.**Eye:** Cause serious eye irritation.**Ingestion:**

May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Skin Corrosion / Irritation: Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Not expected to be a hazard.

2-Propanol is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause drowsiness and dizziness.**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: May be fatal if swallowed and enters airways.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations

Printing date 21.04.2022

Revision: 21.04.2022

Product Name: DETACH AEROSOL

(Contd. of page 5)

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

Very toxic to aquatic life with long lasting effects.

CAS: 142-82-5 Heptane

EC50/24 h >10 mg/l (daphnia)

LC50/96 h 375 mg/l (fish)

CAS: 67-63-0 2-Propanol

EC50/48 h 100 mg/l (daphnia)

EC50/72 h 100 mg/l (scenedesmus subspicatus)

LC50/96 h 1,400 mg/l (bluegill)

9,640 mg/l (fathead minnow)

LC50/48 h 8,970 mg/l (golden orfe)

Persistence and Degradability: No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number**ADG, IMDG, IATA**

UN1950

Proper Shipping Name**ADG, IATA****IMDG**

AEROSOLS (HEPTANES)

AEROSOLS (HEPTANES), MARINE POLLUTANT

Dangerous Goods Class**ADG Class:**

2.1

Packing Group:**ADG, IMDG, IATA**

-

Marine pollutant:

Symbol (fish and tree)

EMS Number:

F-D,S-U

Hazchem Code:

None

Special Provisions:**Excepted quantities (EQ):**

63, 190, 277, 327, 344, 381

E0

Limited Quantities:

1L

Packagings & IBCs - Packing Instruction:

P207, LP200

(Contd. on page 7)

Safety Data Sheet

according to WHS Regulations

Printing date 21.04.2022

Revision: 21.04.2022

Product Name: DETACH AEROSOL

(Contd. of page 6)

Packagings & IBCs - Special Packing Provisions: PP87, L2

15 Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Not a scheduled poison.

16 Other Information

Date of Preparation or Last Revision: 21.04.2022**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Aerosol 1: Aerosols – Category 1

Flammable Liquids 2: Flammable liquids – Category 2

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aspiration Hazard 1: Aspiration hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020"

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