

according to WHMIS

APOLLO DI SpeedSpray

Revision date: 11.04.2018

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1. Identification
Product identifier

APOLLO DI SpeedSpray

Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture

Aerosol

Details of the supplier of the safety data sheet

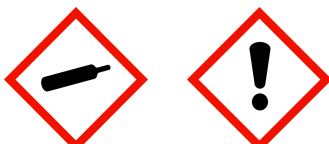
Company name: Sirona Dental Systems GmbH
 Street: Fabrikstraße 31
 Place: D-64625 Bensheim
 Telephone: +49 (0)625116-0
 e-mail (Contact person): <http://srvcontact.sirona.com/webformulars/EntryPage>
 Internet: www.dentsplysirona.com

Emergency telephone number: GBK (24 h) +49 (0)6132-84463

2. Hazard identification
Classification of the substance or mixture
WHMIS 2015

Gases under pressure: Compressed gas
 Serious eye damage/eye irritation: Eye Irrit. 2A

Label elements
WHMIS 2015
Signal word: Warning

Pictograms:

Hazard statements

Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.

Precautionary statements

Wash hands thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 Protect from sunlight. Store in a well-ventilated place.
 Dispose of waste according to applicable legislation.

Other hazards

No information available.

3. Composition/information on ingredients
Mixtures
Hazardous components

CAS No	Chemical name	Quantity
64-17-5	ethanol, ethyl alcohol	1 - < 5 %

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4. First-aid measures**Description of first aid measures****After inhalation**

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After ingestion

Rinse mouth immediately and drink plenty of water.

Most important symptoms and effects, whether acute or delayed

No information available.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO₂) Extinguishing powder, Water spray jet. In case of major fire and large quantities: Water spray jet, alcohol resistant foam**Specific hazards arising from the hazardous product**

In case of fire may be liberated: Hydrogen fluoride.

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

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

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment.

Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Clean contaminated articles and floor according to the environmental legislation.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage**Precautions for safe handling****Advice on safe handling**

Do not pierce or burn, even after use. Avoid contact with eyes and skin.

Advice on protection against fire and explosion

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

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Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep locked up.

Advice on storage compatibility

No special measures are necessary.

8. Exposure controls/Personal protection

Control parameters

Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m ³	F/ml	Category	Origin
64-17-5	Ethanol	-	-		TWA (8 h)	ACGIH-2017
		1000			STEL (15 min)	ACGIH-2017

Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid (Aerosol)
Colour:	
Odour:	characteristic
pH-Value:	not determined

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	-16 °C
Flash point:	not determined

Flammability

Solid:	not applicable
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Gas: not applicable

Explosive properties

not explosive.

Lower explosive limits: not determined

Upper explosive limits: not determined

Ignition temperature: not determined

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure:
(at 20 °C) 5200 hPaDensity (at 20 °C): 1,3 g/cm³

Water solubility: practically insoluble

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Vapour density: not determined

Evaporation rate: not determined

Other information

Solid content: < 7%

Odour threshold: No information available.

10. Stability and reactivity**Reactivity**

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

No information available.

Incompatible materials

No information available.

Hazardous decomposition products

In case of fire may be liberated: HF.

11. Toxicological information**Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

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Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Name of toxicologically synergistic products

No information available.

12. Ecological information**Ecotoxicity**

The product is not: Ecotoxic.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects

No information available.

Further information

Avoid release to the environment.

13. Disposal considerations**Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Contaminated packaging

Completely emptied packages can be recycled.

14. Transport information**Canadian TDG**

<u>UN/ID number:</u>	UN 1950
<u>Proper shipping name:</u>	AEROSOLS
<u>Hazard classes:</u>	2.2
Hazard label:	2.2
Limited quantity:	1 L

Marine transport (IMDG)

<u>UN number:</u>	UN 1950
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United Nations proper shipping name: AEROSOLS

Transport hazard class(es): 2.2

Packing group: -

Hazard label: 2.2



Limited quantity: 1000 mL

Excepted quantity: E0

EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

UN number: UN 1950

United Nations proper shipping name: AEROSOLS, non-flammable

Transport hazard class(es): 2.2

Packing group: -

Hazard label: 2.2



Limited quantity Passenger: 30 kg G

Passenger LQ: Y203

Excepted quantity: E0

IATA-packing instructions - Passenger: 203

IATA-max. quantity - Passenger: 75 kg

IATA-packing instructions - Cargo: 203

IATA-max. quantity - Cargo: 150 kg

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

15. Regulatory information

Canadian regulations

DSL/NDSL inventory status

DSL:

CAS No. 64-17-5: Yes.

CAS No. 431-89-0: Yes.

CAS No. 13463-67-7: Yes.

CAS No. 6155-57-3: No

CAS No. 9003-39-8: Yes.

CAS No. 8008-79-5: Yes.

NDSL:

CAS No. 64-17-5: No

CAS No. 431-89-0: No

CAS No. 13463-67-7: No

CAS No. 6155-57-3: No

CAS No. 9003-39-8: No

CAS No. 8008-79-5: No

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National Pollutant Release Inventory (NPRI)

CAS No. 64-17-5: Yes.
CAS No. 431-89-0: No
CAS No. 13463-67-7: No
CAS No. 6155-57-3: No
CAS No. 9003-39-8: No
CAS No. 8008-79-5: No

16. Other information**Abbreviations and acronyms**

DSL: Domestic Substances List
NDSL: Non Domestic Substances List
NPRI: National Pollutant Release Inventory
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)